



Via Electronic Mail and UPS

April 5, 2018

David Turin
U.S. Environmental Protection Agency
5 Post Office Square – Suite 100
Mail Code: OES04-3
Boston, MA 02109-3912

Re: Hull WPCF Capacity, Management, Operation and Maintenance ("CMOM") Program
Implementation Annual Report
Town of Hull, MA Administrative Order on Consent, Docket No. CWA-01-AO-16-09

Dear Mr. Turin:

As identified in the Administrative Order on Consent (AOC), Woodard & Curran, on behalf of the Town of Hull is hereby submitting the Hull Water Pollution Control Facility (WPCF) CMOM Program Implementation Year 2 Annual Report for your review, comment and/or approval.

This report also serves as the fulfillment of the NPDES annual reporting requirements for the WPCF (NPDES Permit No. MA0101231). Woodard & Curran began operation and maintenance of the WPCF on May 1, 2015, and records are included from January 1, 2017 through December 31, 2017.

Sincerely,

WOODARD & CURRAN

Frank J. Cavaleri
Senior Principal

FJC/klr

Enclosures: CMOM Annual Report

cc: David Burns, MassDEP Southeast Regional Office
Philip Lemnios, Town Manager, Town of Hull
John Struzziery, P.E., Director of Wastewater Operations, Town of Hull
Carol O'Connor, Sewer Department, Town of Hull
Robert Scott, Area Manager, W&C
Aram Varjabedian, Project Manager, W&C
William Boornazian, P.E., Assistant Project Manager, W&C

PN: 217319



CMOM ANNUAL REPORT

Calendar Year 2017

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COMMITMENT & INTEGRITY DRIVE RESULTS

217319.00
Town of Hull, MA
March 2018

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EXECUTIVE SUMMARY

Woodard & Curran holds a professional services contract for the operation and maintenance of the Water Pollution Control Facilities (WPCF) for the Town of Hull. Woodard & Curran (Contract Operator) began operation of the Hull WPCF facility on May 1, 2015. Woodard & Curran has prepared this Capacity Management Operation and Maintenance (CMOM) 2nd Annual Report to serve as a summary of maintenance and operation activities performed during 2017 to the Town of Hull's Wastewater System. The purpose is to document progress as required by the Administrative Order on Consent (AOC) and fulfill NPDES permit requirements for reporting I/I minimization.

This report includes the following AOC deliverables:

1. A detailed description of the actions taken during the previous calendar year to address any action items included in the CMOM Corrective Action Plan, including updates to the CMOM Program Manual.
2. A description of the actions that will be taken during the current calendar year to address any action items included in the CMOM Corrective Action Plan.
3. A summary listing of all unauthorized discharges that have occurred during the last calendar year, in accordance with the NPDES Permit Section D.1.
 - a. A report of any infiltration/inflow related corrective actions taken, as a result of unauthorized discharges reported pursuant to 314 CMR 3.19(20) and NPDES Permit Part 1, Section D.1.
4. A map or maps of the Town's Collection System showing the location of each unauthorized discharge included in the summary listing;

And the following NPDES permit deliverables:

5. A map and a description of inspection and maintenance activities conducted, and corrective actions taken during the previous year.
6. Expenditures for any infiltration/inflow related maintenance activities and corrective actions taken during the previous year.
7. A map with areas identified for I/I-related investigation/action in the coming year.
8. An estimate of the annual average I/I and the maximum month I/I for the reporting year.

1. COMPLETED PROJECTS

1.1 AOC Deliverables

The following AOC deliverables were completed:

- CMOM Annual Report #1 – March 30, 2017
- CMOM Program Manual - June 30, 2017
- CMOM Corrective Action Plan (including WPCF Rehabilitation Schedule) - July 31, 2017

An updated copy of the “WPCF Rehabilitation Schedule” is included in Appendix A, to provide status updates since the July 31, 2017 deliverable. Additionally, the Fiscal Sustainability and Asset Management Plan was developed in June 2017 and finalized in October 2017 in fulfillment of the MassDEP Water Infrastructure Grant Program. In December 2017, a letter report was filed with MassDEP in accordance with 314 CMR 12.00 describing the Interceptor Hydraulic Model and to provide a status update about I/I Improvement Progress.

1.2 CMOM Activities

During 2017, both the Town Sewer Department and Contract Operator performed corrective and preventative maintenance of the collection system, including:

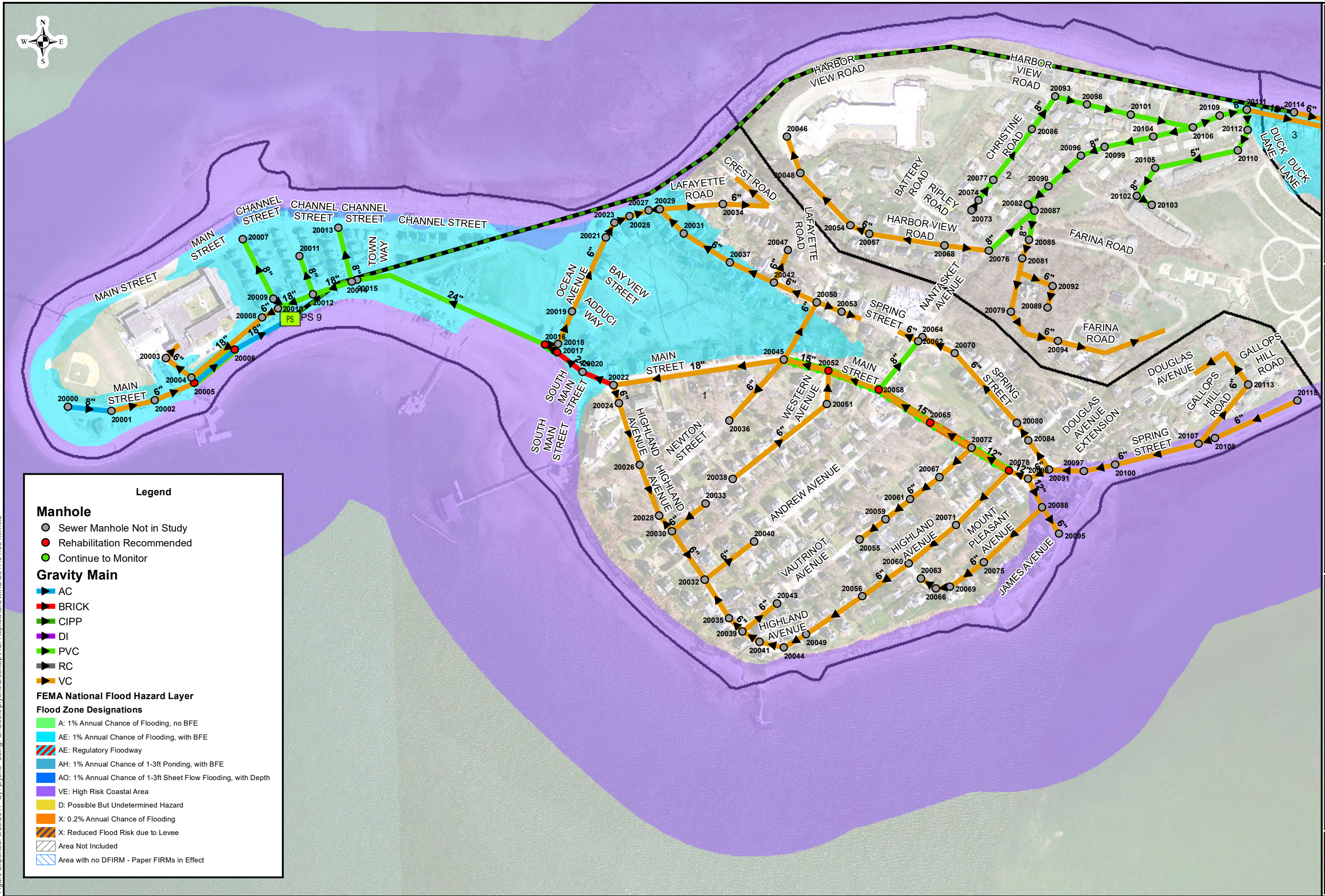
- 21 Grinder pump customer service and corrective action calls
- Abatement of 4 Unauthorized Discharges
- 194 DigSafe utility mark-outs
- Over 182 Manhole inspections
 - For Pemberton area in particular, manholes were categorized as “in need of rehabilitation” or “monitor status”. Results are attached in Figure 1 on the next page.
 - For Gunrock and Interceptor inspections, engineering design for rehabilitation is underway, and construction expected with funding availability for Spring 2019.
- Repair of the Pump Station 3 pumps, pump discharge fittings and bypass connection
- Over 20,000 ft. of CCTV Inspections
 - Cleaning, CCTV and manhole repair work on Atlantic Avenue (near Pump Station #1)
 - Pemberton Area (Main Street)
 - Lower Interceptor (Nantasket Avenue to Fitzpatrick Way)
 - Pump Station #3 Forcemain Connection to Interceptor
- Implemented Hydrogen Sulfide (H₂S) and Fats, Oils and Grease (FOG) reduction programs:
 - Continued In-pipe bacteria addition, increased dosing stations from 20 to 24 locations; to grow non-sulfide generating bacteria to breakdown FOG within the Pump Station wet-wells and gravity system.

- Pilot Testing of Bioxide treatment at Pump Station #3 during late-Summer months to control downstream H₂S.

A summary of the 2017 completed SEMS Work Orders is attached in Appendix B. This is a summary of the completed work orders for the collection system, including the pump stations, and summarized by Asset Name. The 2017 total expenditures for CMOM and I/I are summarized in Appendix C.

In Spring 2017, the Town purchased a push camera and locating device for inspection of smaller diameter sewers, independent of outside contractors. Approximately 15 small diameter pipes were inspected using this device. Contract Operator continued to utilize sewer system GIS, adding assets and documenting locations to verify and update the GIS database through Utility Cloud. Initial training was provided using the GPS X-4 Unit ("Arrow-Gold" Unit) and Utility Cloud systems for manhole inspection processes and CCTV logging.

Figure Exported: 6/29/2017 By: pbyons Using: C:\Users\pbyons\Desktop\Hull Replica\GIS\MXD\2017.04.05 IM.mxd



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COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

SEWER PIPES AND MANHOLES

PROPOSED SELECTION FOR REHABILITATION

TOWN OF HULL, MA

PEMBERTON AREA REHABILITATION

Woodard & Curran shall assume no liability for any of the following: 1. Any errors, omissions, or inaccuracies in the information provided regardless of how caused or; 2. Any decision or action taken or not taken by the reader in reliance upon any information or data furnished hereunder. Data Sources:

PROJECT #: 217319.00
DATE: JUNE 2017
SCALE: 1" = 400'

FIGURE 1

1.3 Unauthorized Discharges

Unauthorized discharges decreased in 2017 from 2016, with only four recorded SSO's. Included in this section are updates on previously reported unauthorized discharges, and details regarding this year's discharges. The full Unauthorized Discharge Summary Table can be found in Appendix D.

1.3.1 Updates from Previous Report

Pump Station #3 (13 Rockland Circle)

2016 Status: *Closed; Awaiting Valve Replacement*

2017 Status: *Closed; New Valves Added*

On March 15, 2016 during forcemain isolation valve exercise, the valve broke in the open position. Approximately two gallons of wastewater was released on the ground surface and eight gallons were released in the valve box. The area where the spills occurred were disinfected with lime. The subcontractor stopped the leak by closing the valve actuator, but the valve remains broken and has been added to the Corrective Action Plan scope of work.

In September 2017, there was a leaking discharge fitting discovered in the pump station, which was replaced immediately. To make repairs safely, the forcemain was drained and the station was bypassed. At this time, it was advantageous to install new suction and discharge valves, as well as a new forcemain isolation valve inside the pump station. Therefore, this scope item has been renamed in the Corrective Action Plan to "monitoring."

1.3.2 2017 Events

There were four unauthorized discharge events documented in 2017 (locations shown in Figure 2 below). There were two unauthorized discharges at the WPCF, and two sanitary sewer overflows (SSO's). Brief descriptions as well as current status of each unauthorized discharge are listed in chronological order below.

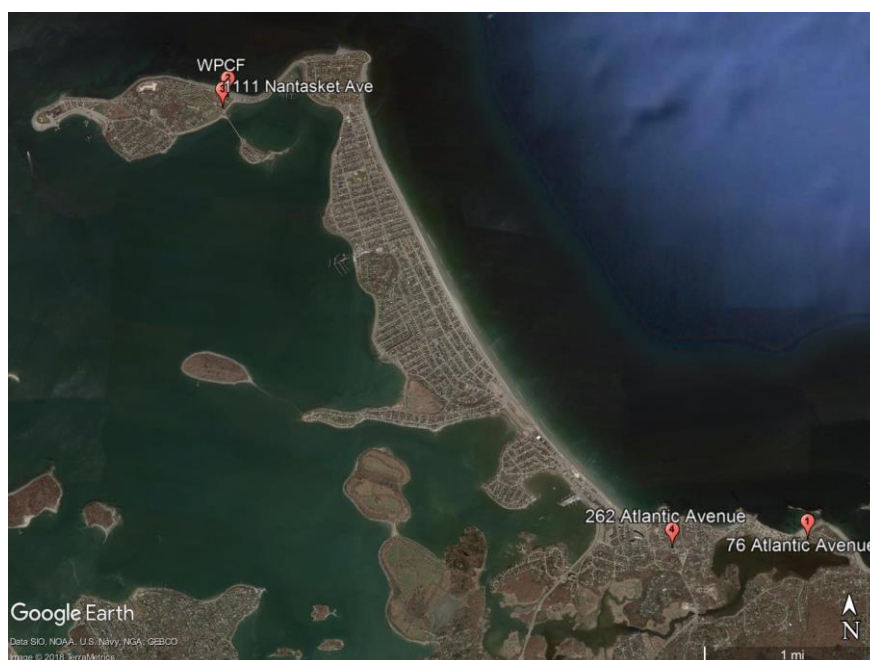


Figure 2: Map of Unauthorized Discharges in 2017

76 Atlantic Avenue**Status:** *Closed; Awaiting Root Treatment*

March 8, 2017, Director of Wastewater Operations, responded to an inspection pending possible home sale. Upon inspection, sewage remnants were discovered on ground near a manhole that was located in the nearby wooded area. There was no overflow occurring at the time, but the surrounding ground area was wet and there was evidence of some debris. On March 9, 2017, the WPCF staff was notified to perform a complete inspection of the area to determine cause, and it was determined the sewer main on Atlantic Ave was clear and flowing. After further inspection, the pipe leading to the manhole had been blocked with roots and upstream of the manhole, a pipe coupling had failed. The pipe that was blocked was cleaned and the failed coupling was replaced. Root treatment is planned for Spring 2018 in this area, to address other surrounding pipes that may also have roots.

WPCF (1111 Nantasket Avenue)**Status:** *Closed*

On April 1, 2017, disinfected wastewater overflowed from the Chlorine Contact Tanks (CCT) at the WPCF due to storm-induced high flows which exceeded plant design capacity of 8.0 MGD. Approximately 10,000 – 15,000 gallons were released during the three-hour overflow, which occurred simultaneously at high tide, and mixed with surface water from area flooding on Spring Street. The Town of Hull received 1.5 inches of rain and 1.2 inches of snow, and high tide was recorded at 12.5 ft. (~1 ft. storm surge). There was one catch basin on WPCF property adjacent to the CCTs which received overflow waters upon draining. All influent and effluent pumps were online and operational during this event, which suggest that the overall capacity of the outfall was decreased during a high-tide event causing back-up to the CCT. As a part of the CMOM Action Plan (see Appendix A) prepared last July, a WPCF Outfall Capacity Assessment was deemed necessary and pursued in the State Revolving Fund Application packages. The application received approval from the Intended Use Projects list and will move forward in 2018 pending Town approval of funds.

WPCF (1111 Nantasket Avenue)**Status:** *Closed; Abated.*

On May 31, 2017 during interceptor cleaning at Fitzpatrick Way and Nantasket Avenue, the influent wet well experienced a surge of flow causing all pumps to turn on causing overflow at the Primary Distribution Box. Approximately 700 gallons of wastewater was released on the ground surface, and less than 3 gallons reached the nearby catch basin. The area where the spills occurred were disinfected with lime, and the vector truck performing the cleaning immediately cleaned the catch basin. The overflow was stopped by putting the influent pumps into hand operation for the remainder of cleaning and updating the SOP accordingly. For more long-term planning, adding an overflow bypass to the Primary Distribution box is being investigated.

262 Atlantic Avenue**Status:** *Closed; Abated*

While performing Pump Station rounds on December 15, 2017, Operator was driving by area in front of 262 Atlantic Avenue, when wet area around rim & cover of manhole was discovered. Upon inspection, the manhole was surcharged, and upstream/downstream investigation confirmed a blockage. Rosano Davis Pumping was immediately dispatched and pumped down the surcharged manhole (approximately 500 gallons of sewage/debris was removed). When it was determined to be caused by grease, National Water Main arrived and cleaned 115 ft. of gravity sewer using a vector truck. The line was jetted over 4 times to ensure clean flow. There was no reported home back-up nor known contamination to the stormwater system. However, there was a similar SSO downstream from this location (~206 Atlantic Avenue) on December 19, 2016.

2. ANNUAL AVERAGE AND MAXIMUM MONTH I/I ESTIMATES

Table 1 below includes I/I Estimates as calculated between January 1, 2017 – December 31, 2017. Previous years are listed for reference.

Table 1: I/I Estimates

	Average Annual (MGD)	Maximum Month (MGD)	WPCF Average Daily Flow (MGD)	Annual Rainfall (inches)
2002 – 2012*	0.3 – 0.5	0.5 – 0.83	1.55 – 1.9	-
2015	0.51	1.65	1.57	26"
2016	0.46	1.05	1.45	29"
2017	0.48	1.99	1.56	43"

*Historical reports used as reference for 2015 -2017 I/I Calculations

Daily WPCF Effluent Flow and Precipitation data was exported from the WPCF's Hach® WIMS™ data management system. I/I estimates were calculated by reviewing the highest and lowest 7-day moving averages in comparison to the Base Sanitary Flow (BSF) during the same timeframe. The I/I values appear to have returned to pre-drought levels, due to over 40" of rainfall in 2017. Figure 3 below shows the seasonal groundwater decrease for Southeastern Massachusetts in 2017, with net increase of 6-inches from January 2017 to December 2017.

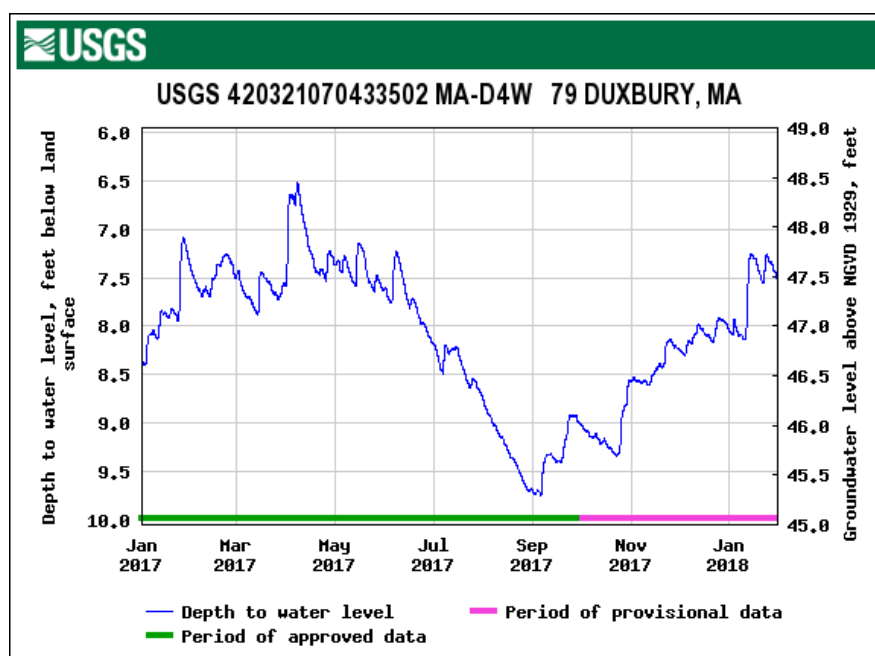


Figure 3: 2017 Groundwater Monitoring Data, USGS

3. PLANNED CMOM AND I/I PROJECTS

3.1 AOC Deliverables

The deliverables left according to the original AOC, are the CMOM Annual Report (due March 31, 2019) and CMOM 3rd Year Self-Assessment Checklist (due July 31, 2019).

3.2 CMOM Activities

As a part of collection system operations, manhole inspections will be performed on a regular basis during homeowner backup calls, and in coordination with sewer cleaning/CCTV efforts. The DoForms NASSCO MACP Level 1 Inspection protocol will be converted to UtilityCloud for streamlined asset information. As stated in the 2016 I/I Control Plan, the following improvements to the infiltration and inflow reporting system will be continued this year:

- Utilization of Pump Station flow meters
- Addition of seasonal, insertion flow meters
- Additional collection system salinity checks (using handheld, portable meter)
- Continued support of Hydrogen Sulfide (H₂S) and Fats, Oils and Grease (FOG) reduction programs:
 - In-pipe bacteria addition of 24 locations; to grow non-sulfide generating bacteria to breakdown FOG within the Pump Station wet-wells and gravity system.
 - Maintain use of wet-well aerators at all Pump Stations, to break up FOG and reduce debris build-up between cleanings. Pump Station #3 aerator scheduled to be replaced in 2018.

3.2.1 Cleaning and CCTV

In Spring 2018, immediate cleaning and CCTV inspections were performed in the following areas as a part of engineering design for interceptor lining and rehabilitation:

- Nantasket Avenue, segments between Spring Street to A Street
- Siphon crossing on Nantasket Avenue at Draper Avenue
- Atlantic Avenue in Gunrock Beach area (Pump Station 1)
- Fitzpatrick Way from XYZ Streets to bridge crossing.

After completion of the CCTV inspection, an engineering report will provide an updated condition assessment of the Interceptor and Gunrock areas to prioritize the need for pipeline renewal projects.

3.2.2 Flow Assessment

Flow assessment was not able to be performed during 2017 as the portable flow meters were out of commission, however new permanent flow meters have been installed at all Pump Stations. Several Pump Station flow meters are working well (PS 3, 6 and 9), but Pump Station A, 1, 4 and 5 need additional meter upgrade work.

A hydraulic model of the interceptor was created for the Town of Hull (see Figure 4 for profile) and will serve as the initial base model for future interceptor work. In order for the model to be updated with sewershed areas, the following data sets will need to be added:

1. Collect 15-minute interval wastewater flow data at critical junction manholes to further define wastewater flows in the system for each sewer basin. This data will be used to calibrate the model for dry weather and wet weather flows.
2. Collect elevation data for non-interceptor collection system to understand hydraulic deficiencies in less critical portions of the collection system.
3. Incorporate pump stations (pump data, wet well size, force mains) into the model.

As a part of SRF Funding, a Sewer System Evaluation Survey (SSES) Planning Scope of work was approved, and pending Town approval, will be used as the basis for improving the sewer hydraulic model and identifying areas of concern for future flow analysis and/or CCTV'ing and cleaning.

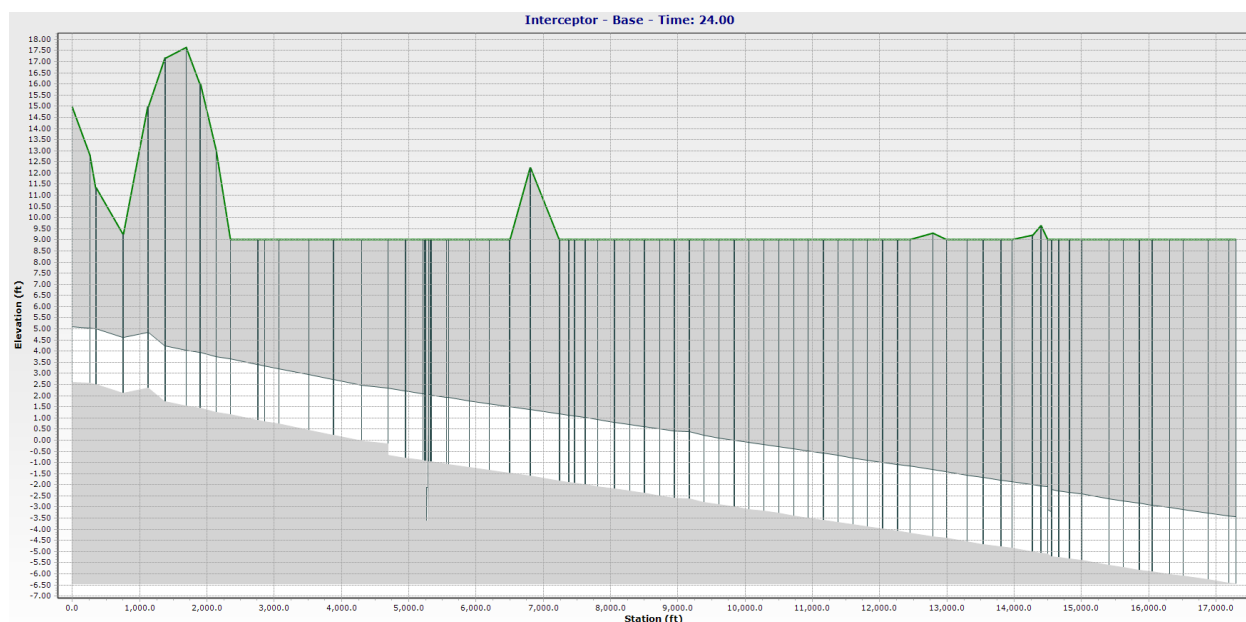


Figure 4: 2017 Hydraulic Model Outline

APPENDIX A: CMOM ACTION PLAN CHECKLIST

Updated WPCF Implementation Schedule

Table 3-1: WPCF Implementation Schedule

Equipment/Process Cited	Deficiency (per inspection reports)	Corrective Action Planned	Implementation Schedule
Headworks Screening	Manual bar screens only, mechanical screen was Inoperable; headworks influent gate removed	New mechanical screen installed and operating. The influent gate is to be replaced Fall 2017.	Completed (2017)
Primary Clarifiers	Lack of Redundancy, only 1 in service	<i>Short term actions:</i> Perform a trial Modified Ludzack-Ettinger (MLE) process by adding Mixed Liquor (MLSS) recycle to Primary Clarifier #2. While both clarifiers are only used for high flow management, and are currently offline, MLE trial will be to test for improved odor and sludge control during summer season. <i>Long term actions:</i> Evaluate future use and/or repurposing of primary clarifiers during unit process evaluation.	In Progress (2017) Pending Funding Availability
Aeration Tanks	Lack of Redundancy, 2 out of 4, out of service	<i>Short term actions:</i> Rehabilitate current offline mechanical aerators (one repaired mechanical aerator on-site and needs to be installed; some RAS piping needs replacement). <i>Long term actions:</i> Review activated sludge process options to determine long term modifications to the aeration tanks and secondary treatment process.	Completed (2017) Pending Funding Availability
Secondary Clarifiers	Lack of Redundancy, only 1 in service	Both secondary clarifiers are functional, repairs have been made to both. Typically, one unit in service during normal flows, a second unit is put on-line during high flow events, but operational inspection is required. <i>Short term actions:</i> perform inspection of each clarifier, and determine parts necessary for repair. <i>Long term actions:</i> Evaluate process alternatives and then determine repair or replacement of the clarifiers.	Inspections completed (2017) Pending Funding Availability
Gravity Sludge Thickeners	Lack of Redundancy, only 1 in service	Gravity Thickener #2 has been abandoned-in-place, and Gravity Thickener #1 is functional, but offline during summer months for odor control and sludge management. Long term use of Gravity Thickeners for sludge processing will be considered during unit process assessment, and tanks may be repurposed for other use.	Pending Funding Availability
Sludge Holding Tanks	Need work and corrosion corrective maintenance/repairs	Above-ground Holding Tank was drained, cleaned and repaired, and is in use. Sludge Holding Tank #2 was drained, cleaned and inspected, and is in use. Sludge Holding Tank # 1 is offline, and needs aeration diffusers.	Pending Funding Availability
Rotary Drum Thickener	Old, Corroded and Operable with no redundancy	Extensive corrosion corrective maintenance was performed, and RDT back to full operation. However, redundancy will be considered as a part of unit process review.	Pending Funding Availability
Disinfection (Chlorination and Dechlorination)	Temporary replacement post-disaster recovery, seems to be operating well	System is fully operational, but a more permanent stormproof solution to be considered during unit process review. Hypochlorite distribution tubing, pumps and containment area temporary repairs have been made.	Pending Funding Availability
Building	Temporary offices still in parking lot	Temporary HVAC is still in place in the Control building, HVAC upgrades and office space repairs have yet to be completed. Overall plant process review may impact the HVAC system design; final planning and implementation will be bundled with WPCF unit process review.	Pending Funding Availability
Emergency Diversion Pump	Available to be set up	CZM Grant for final installation costs was applied for, and final piping layout design is in progress. This work will be phased with the Influent Gate Work, as the Backup pump will be used as bypass pump for Headworks channel repairs, then moved to a permanent location.	CZM Grant was not awarded Pending Funding Availability
Emergency Generators	Smaller one needs preventative maintenance to be operable	Both generators and transfer switches have been repaired; Preventative maintenance ongoing as required.	Completed (2016)

APPENDIX B: 2017 COLLECTION SYSTEM WORK ORDERS

Status Date	WO #	Asset Name	Description	History Notes	History Status
1/1/2017	3717	20 - WW - Collections - General	Check on 26 Western Ave previous blockage	Inspected garage floor drain at 26 western ave. Once in completed morning and once in afternoon. No change no overflow occuring at this time.	completed
1/1/2017	3663	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
1/1/2017	3667	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
1/1/2017	3671	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly		completed
1/1/2017	3672	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly		completed
1/1/2017	3673	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
1/1/2017	3677	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
1/1/2017	3681	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
1/1/2017	3682	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly		completed
1/1/2017	3683	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
1/1/2017	3687	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
1/1/2017	3688	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
1/2/2017	3718	20 - WW - Collections - General	26 Western ave back-up	10:30am 12/30pm arrived at location to camera line, couldn't camera line due to blurry picture need to arrange Windriver assistance	completed
1/3/2017	3719	PS A Pump 1	Pump is tripped, overload relay tripped	Assisted by JB and JG. Chk before amps. Was 40 and FLA on motor is 30.6. perform LOTO of pump, pull and found rag ball in impeller. Clean and reassemble. Post clean amps = 20. Chk pump 2 = 24.	completed
1/4/2017	3471	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
1/4/2017	3475	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly		completed
1/4/2017	3478	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly		completed
1/4/2017	3479	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
1/4/2017	3485	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
1/4/2017	3489	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly		completed
1/4/2017	3492	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
1/4/2017	3493	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
1/4/2017	3501	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly		completed
1/4/2017	3502	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
1/4/2017	3510	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
1/4/2017	3514	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
1/4/2017	3720	20 - WW - Collections - General	26 Western Ave on going inspection & blockage repair	This work occurred on 1/3/17. HUB construction excavation and Wind River camera footage taken on western ave.	completed
1/4/2017	3721	20 - WW - Collections - General	#26 western ave ongoing blockage repair work cont.	ES, BB, and AV all worked with Rasano Davis in attempt to jet line. It has been difficult to jet and camera by #26 because it is in the middle of a 600 foot sewer on steep hill with 6" over 100 year old clay. Jetter was able to remove some debris and additional camera work found pipe upstream to apx 50 from house in fair to good condition.	completed
1/5/2017	3722	Dig Safe Requests	128 cadish Ave	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
1/5/2017	3464	PS 1	PS #1 Inspection - Monthly		completed
1/5/2017	3465	PS 3	PS #3 Inspection - Monthly		completed
1/5/2017	3466	PS 4	PS #4 Inspection - Monthly		completed
1/5/2017	3467	PS 5	PS #5 Inspection - Monthly		completed
1/5/2017	3468	PS 6	PS #6 Inspection - Monthly		completed
1/5/2017	3469	PS 9	PS #9 Inspection - Monthly		completed
1/5/2017	3470	PS A	PS #A Inspection - Monthly		completed
1/5/2017	3753	20 - WW - Collections - General	26 Western Ave final blockage repair day	Excavation downstream of #26 found blockage just upstream between house and excavation. Cleared line of grease and debris full blockage. Camera confirmed line was cleared + die tested. HUB installed cleanout port for better access to this area for preventive maintenance or camera.	completed
1/8/2017	3805	MH 20188	Manhole 26 inch Cover Removed by DPW plowing.	Removed snow and debris from inner section of manhole cover. Replaced manhole cover	completed
1/9/2017	3806	PS 6 Pump 1	Deragged Required	LOTO performed. Deragged pump 1	completed
1/11/2017	3808	PS 3 Wet Well	6" bypass pump check and wetwell visual check due to non operational pumps at station 3	At 10 pm check bypass pump and added 10 gallons of gas to top tank off at arrival pump just finished cycle at 120 am pump cycle has just started checked fuel only used 1/8 of gas have plenty of fuel for the 5 am check	completed
1/11/2017	3809	PS 3 Wet Well	Trash Pump in operation. Watching and Documenting runtimes.	Pump running for between 20-30 minutes before cycling off. Off time ranges between 12 and 15 minutes. Trash Pump maintaining Wetwell.	completed
1/11/2017	3472	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
1/11/2017	3480	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
1/11/2017	3486	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
1/11/2017	3494	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
1/11/2017	3503	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
1/11/2017	3511	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
1/11/2017	3816	PS 3	Set up 6" trash pump for bypass in auto with floats due to pump #1 ragging failure	Set up the bypass pump on floats in wet well, ran pump with staffing every two to three hours thru the night. Checked high high float call out was operating	completed
1/11/2017	3815	PS 3 Pump 1	Disconnect and reconnect electrical to pump 1	Andy disconnected pump 1 and then reconnected it during pump swap attempt	completed
1/11/2017	3812	PS 3 Wet Well	Replaced level transducer	Old transducer cable ripped due to rag removal. Replaced with 75 foot cable kpi transducer	completed
1/11/2017	3810	23 - WW Pump Stations	Temp. Shutdown at PS A due to work on PS 3	Shut down station periodically ran only 1 pump periodically between 10AM and 5PM	completed
1/11/2017	3811	PS 1	temporary shutdown of PS 1 due to work at PS 3	Shut down station for periodic operation with 1 pump only	completed
1/12/2017	3889	MH 20775	Manhole Inspection	Eric Bill arrived at location manhole is good however the street needs to be pot hole tarred DPW needs to be notified	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
1/12/2017	3888	Dig Safe Requests	8 Hadassah way emergency gas repair	Marked Dig Safe	completed
1/12/2017	3813	PS 3 Piping and Valves	Jetted from wetweell to volute pump 1 and 2	windriver jetted from conf. Spacr in wetwell rags and plastic debris removed from pump 1 suction piping. W and c camera suction piping	completed
1/12/2017	3817	PS 3 Wet Well	Clean out wet well rags and suction piping. Wind River & W&C staff	Install plug in the street to stop flow from entering wet well, bypass flows with trash pump and pump truck from street MH, vaccumed out rags from wet well and manually remove debris + jetting suction lines. Removed pump 1 and cleared suction line + camera suction line inspection	completed
1/17/2017	3867	PS 3 Pump 1	Removed old pump and replaced with repaired rotating assembly and motor. Bypassed station with 6" trash Pump	Set up and ran bypass pump at station#3. Removed pump 1 assembly and motor. Replaced with repaired rotating assembly and motor intended for pump position 2 but had a clockwise impeller. Impeller & split seal adjusted to fit volute. Assisted by Brian Waterline and Andy Pioneer Electric.	completed
1/18/2017	3473	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
1/18/2017	3481	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
1/18/2017	3487	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
1/18/2017	3495	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
1/18/2017	3504	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
1/18/2017	3512	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
1/19/2017	3869	PS 6 Pump 1	Derragg pump 1 due to low flow	Loto performed by JC.,Eric ,Rick went down Deraggd pump now flowing freely @ 667 gpm was flowing @ 565gpm	completed
1/19/2017	3870	Dig Safe Requests	25 Russell st Emergency water repair	Marked Dig Safe	completed
1/19/2017	3873	PS 3 Pump 1	1/17/17 pump # 2 was removed and hoisted to top of station 1/19/17 pump was retrieved brought back to plant for repair	Eric Rick retrieved pump and motor from station 3 for near future repair, impeller on pump now is clockwise needs counter clockwise and repair to seal motor may need work also	completed
1/20/2017	3876	Dig Safe Requests	23 Helen st catch basin repair	Marked Dig Safe	completed
1/20/2017	3877	Dig Safe Requests	137 manomet ave. Footings on front porch	Marked Dig Safe	completed
1/23/2017	3860	Dig Safe Requests	10 alden ave. Was unable to find house		completed
1/24/2017	3882	MH 20971	Manhole Inspection	148 pm opened manhole for documentation manhole was 8ft deep charged at 4ft	completed
1/26/2017	3896	22 - WW - sewers/pipes/force mains	Opened 17 manholes on Atlantic Ave and Gun Rock Ave after storm for inspection	Eric Rick Jodi opened 17 manholes on Atlantic Ave and Gunrock Ave for inspection after storm all manholes were flowing freely back to normal. Except 1 on Gunrock Ave MH 20954 see manhole inspection form for details	completed
1/26/2017	3476	PS 1 Pump 1	PS #1 Pump 1 PM - Quarterly		completed
1/26/2017	3477	PS 1 Pump 2	PS #1 Pump 2 PM - Quarterly		completed
1/26/2017	3483	PS 3 Pump 1	PS #3 Pump 1 PM - Quarterly		completed
1/26/2017	3484	PS 3 Pump 2	PS #3 Pump 2 PM - Quarterly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
1/26/2017	3490	PS 4 Pump 1	PS #4 Pump 1 PM - Quarterly		completed
1/26/2017	3491	PS 4 Pump 2	PS #4 Pump 2 PM - Quarterly		completed
1/26/2017	3497	PS 5 Pump 1	PS #5 Pump 1 PM - Quarterly		completed
1/26/2017	3498	PS 5 Pump 2	PS #5 Pump 2 PM - Quarterly		completed
1/26/2017	3506	PS 9 Pump 1	PS #9 Pump 1 PM - Quarterly		completed
1/26/2017	3507	PS 9 Pump 2	PS #9 Pump 2 PM - Quarterly		completed
1/26/2017	3508	PS A Pump 1	PS A Pump 1 PM - Quarterly		completed
1/26/2017	3509	PS A Pump 2	PS A Pump 2 PM - Quarterly		completed
1/30/2017	3474	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Ran generator no load today!	completed
1/30/2017	3482	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Ran generator no load today!	completed
1/30/2017	3488	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Ran generator no load today!	completed
1/30/2017	3496	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Ran generator no load today!	completed
1/30/2017	3513	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Ran generator no load today!	completed
1/30/2017	3505	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Ran generator no load today!	completed
1/30/2017	3499	PS 6 Pump 1	PS #6 Pump 1 PM - Quarterly		completed
1/30/2017	3500	PS 6 Pump 2	PS #6 Pump 2 PM - Quarterly		completed
1/31/2017	3897	MH 20964	Manhole Inspection		completed
1/31/2017	3901	Dig Safe Requests	16 point Allerton ave gas repair	Marked Dig Safe	completed
2/1/2017	3993	Dig Safe Requests	144 samoset ave relocate gas service	Marked Dig Safe	completed
2/1/2017	3994	Dig Safe Requests	39 edgewater rd emergency gas repair	Marked Dig Safe	completed
2/2/2017	3995	Dig Safe Requests	11 Central Ave footings for front porch	Marked Dig Safe	completed
2/2/2017	3996	Dig Safe Requests	805 Nantasket Ave Cumberland Farms installing crash posts	Marked Dig Safe	completed
2/2/2017	3662	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly		completed
2/2/2017	3998	Dig Safe Requests	99 Bay st test boring	Marked Dig Safe	completed
2/2/2017	4001	22 - WW - sewers/pipes/force mains	Investigate 2 low pressure manholes at 98 Salisbury st for future house	Es JS opened 2 manholes on low pressure force main the 26" MH has the valves and clean out, the 36" MH is normal, I GPSed these 2 MH's and sent to Alan F for identification	completed
2/6/2017	4005	Dig Safe Requests	22 channel street	Marked Dig Safe	completed
2/6/2017	4003	20 - WW - Collections - General	32 R Street	Inspected sewer main and found no surcharging of the line. The tie card shows the sewer service on the property run directly next to a large oak tree. Home owner as partial flow and will call a plumber.	completed
2/7/2017	4006	Camera and Light assembly	Picture flickering on/off		completed
2/7/2017	4007	Camera and Light assembly	camera vidio flickering on/off	cleaned all electric connectors with contact cleaner, working fine now. recommend unit be turned on for one hour prior to field use.	completed
2/12/2017	3685	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
2/12/2017	3690	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
2/12/2017	3581	PS 3 Pump 2	W/O 3of3 work order 1 # 3574, work order 2 # 3580 more evaluation of pump 2 operation	actions of this W/O have been complete a new work was generated for station 3 on pump repairs	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
2/12/2017	1291	PS 4 Pump 2	Not spinning	eric harvey jodi freed up pump 12/20 /15 since then a new work order has been genrated for that station on pump 2 it works on emergency issues now . station cant be isolated that is on the list of tasks to repair	completed
2/12/2017	2707	PS 5 Pump 2	Pump 2 cycling but not pumping	On 7/24 16 eric rick went to station 5 and trouble shooted pump it was check arm not coming up it seemed there was something caught in pump and pump spit out whatever was in it now pump pumping freely	completed
2/12/2017	3679	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
2/12/2017	3675	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
2/12/2017	3669	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
2/12/2017	3665	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
2/13/2017	3515	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly		completed
2/14/2017	3655	PS 1	PS #1 Inspection - Monthly	Less than 5% debris present	completed
2/14/2017	3660	PS 9	PS #9 Inspection - Monthly	Little to no debris present	completed
2/14/2017	3656	PS 3	PS #3 Inspection - Monthly	About 3% Solids in wetwell	completed
2/14/2017	3657	PS 4	PS #4 Inspection - Monthly	About 5% Solids in wetwell	completed
2/14/2017	3658	PS 5	PS #5 Inspection - Monthly	Estimated 20% Solids in wetwell	completed
2/14/2017	3659	PS 6	PS #6 Inspection - Monthly	Unable to tell solids in wetwell	completed
2/19/2017	4023	Grinder Pump 67 GOSNOLD ST.	Backup call for pump alarm and failure of the grinder pump,	JC / BB repumped down grinder can small amount and met Pat Cannon onsite for replacement of the electrical connection. Pump now fully functional. serial in # should be DH581088	completed
2/20/2017	3692	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly		completed
2/20/2017	3686	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
2/20/2017	3691	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
2/20/2017	3680	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
2/20/2017	3676	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
2/20/2017	3670	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
2/20/2017	3666	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
2/20/2017	4025	Grinder Pump 197 NO. TRURO ST.	Alarm system for the grinder pump at 197north truro st. Is in alarm, call from the residents, at approximately 530 pm . Responded to the emergency call was bill Boornazian, and found that the grinder	Emergency call responded by Bill Boornazian to 197northtruro st. Found out that the alarm system is in alarm, and also the pump is running, there is no sso, needed for over flow , but shut down the pump and Alarm power. And notify the residents that we can do repair in the morning! Pump must be clogged or no longer good! !	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
2/21/2017	4027	Grinder Pump 197 NO. TRURO ST.	Residential grinder pump alarm at 197northtruro st. @aprox. 530 pm Monday 2/20/17. Pump was in alarm but also the pump was running and not pumping.	Residential grinder pump alarm at 197northtruro st. Responded by Bill Boornazian, found out that the pump alarm was activated ,but also discovered that the pump is running, constantly, and not pumping down, ,assistance by Rick Clark and Eric Sutton, we responded to 197northtruro st. @830 am 2/21/17 . Perform a LOTO and replace pump.. new pump operating normal .	completed
2/22/2017	3664	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3668	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3674	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3678	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3684	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3689	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3943	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3949	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3953	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3959	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3964	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
2/22/2017	3968	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
2/23/2017	4035	MH 20552	Wrap O ring installed after call in at Packard ave and nantasket	Install wrap O ring	completed
2/23/2017	4034	Grinder Pump 37 ELM AVE	Grinder Pump making loud sounds. Alarm did not activate	LOTO performed. Removed nonfunctional grinder pump and replace with Repaired Grinder Pump. Cut and removed roots growing around grinder pump pit cover blocking lid from closing fully. Filled out grinder pump form for homeowner and placed in mailbox.	completed
2/27/2017	4057	23 - WW Pump Stations	Air flow measurments "Exhaust Fans" All		completed
2/28/2017	4064	Dig Safe Requests	30 north Truro Digsafe markout	Marked Dig Safe	completed
2/28/2017	4065	Dig Safe Requests	4 Vernon ave Digsafe markout	Marked Dig Safe	completed
2/28/2017	4066	Dig Safe Requests	26 L street	Marked Dig Safe	completed
3/1/2017	4058	23 - WW Pump Stations	Measure & Install tubing for gas monitoring of lower levels of PS's		completed
3/2/2017	4192	Dig Safe Requests	Markout sewers from Hull shore drive to bay Street along nantasket ave for Riley brothers / gas company work	Marked Dig Safe	completed
3/2/2017	4193	Dig Safe Requests	28 Barnstable	Marked Dig Safe	completed
3/2/2017	4194	Dig Safe Requests	1 Rockland terrace markout	Marked Dig Safe	completed
3/2/2017	4190	20 - WW - Collections - General	Located new manholes	Eric and Mitch used Gold Arrow GPS unit to locate manholes. 2 on Seaview Ave 1 on Newton St 4 on Andrew Ave 2 on Vautrinot Ave	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
3/5/2017	4424	MH 20018	Install area velocity meter	Eric John Jodi at Ocean ave installed velocity meter. Confined space entry notified hull fire at entry and exit	completed
3/7/2017	3965	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
3/7/2017	3944	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
3/7/2017	3950	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
3/7/2017	3954	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
3/7/2017	3960	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
3/7/2017	3969	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
3/8/2017	4205	MH 20005	Manhole Inspection	Inspected manhole - flow entering manhole at about 10 gallons per minute at low tide.	completed
3/9/2017	4206	22 - WW - sewers/pipes/force mains	SSO at 176 Atlantic Ave	Service Incident Created	completed
3/9/2017	4207	22 - WW - sewers/pipes/force mains	247 nantasket Ave national grid exposed pipe while digging	Eric Rick inspected issue John Struzziery on site. National grid will dig under pipe and continue laying gas main	completed
3/10/2017	4211	22 - WW - sewers/pipes/force mains	SSO event, and repair at 176 Atlantic Ave	Eric,rick,mitch at 176 Atlantic Ave Hub Construction on site repaired fern coat on upper line, and replaced with new 10ft of 6 inch pvc due to 7ft of solid root ball and debris	completed
3/11/2017	4208	22 - WW - sewers/pipes/force mains	Check manhole on property at 176 Atlantic Ave	Inspection of MH for overflow, this second part of line cleaning windriver on site Monday to Jett line Eric Aram pumped out manhole discharged at plant John currier will check on sunday	completed
3/11/2017	4209	MH 20080	Manhole Inspection	1pm Eric Aram received call from Ed Babcock on behalf of his neighbor about a MH over flow, It was water on top of cover from the seal tight cover underneath street flowing freely	completed
3/11/2017	4210	MH 20070	Manhole Inspection	1pm Eric Aram received call from Ed Babcock on behalf of his neighbor about a MH over flow street flowing freely	completed
3/12/2017	4246	20 - WW - Collections - General	Manhole Inspection	BB and JC inspected MH for surcharging. Determined it was ok until tomorrows jetter work scheduled.	completed
3/13/2017	3947	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
3/13/2017	3948	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
3/13/2017	3957	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
3/13/2017	3958	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
3/13/2017	3972	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test today!	completed
3/13/2017	3963	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
3/13/2017	4249	Portable Equipment	Brought generator to station A for storm	Eric jodi installed portable generator at station A	completed
3/13/2017	5180	20 - WW - Collections - General	Manhole at 76 Atlantic Ave jetting with Windriver	Windriver pumped out manhole. Jetted with 1 inch degrease jet nozzle. Dye used and located in downstream manhole. Line is still partially blocked and jet nozzle unable to move past estimated 2 feet after entrance of pipe.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
3/13/2017	4251	Portable Diesel Pump 4A Thompson 4	Loose Fan Belt	tightened fan belt	completed
3/13/2017	4252	PS A Sump Pump	Pump Not Pumping. Drywell in need of pumping	Used Sump Pump from Station 1 and then returned pump to st 1. Pump issues not addressed yet	completed
3/14/2017	4255	PS A Building	Dry well area has inch of water puddle pumped out into wetwell	Eric Rick at station A inspection of sump sump now clear flowing freely	completed
3/14/2017	4256	20 - WW - Collections - General	7 Holbrook Ave basement shower backup	3pm Eric John on site tried popping manhole it was unsuccessful. Spoke to homeowner, told her Wednesday we would attempt again and let her know outcome, also told her be prepared to call plumber, she does have full use of facilities	completed
3/14/2017	4257	PS D - DPW Stormwater Pump Station	Turned on pump due to flooding on Gst and central Ave started at 5pm stopped at 7pm	Eric Rick on site primed pump checked streets periodically main Dst shut off then we shut diesel pump off then drain street flowing freely	completed
3/15/2017	4259	22 - WW - sewers/pipes/force mains	Manhole Inspection	Unmapped Manhole at 76 Atlantic Ave. Inspected and estimated 6 inches of water in manhole.	completed
3/16/2017	4261	22 - WW - sewers/pipes/force mains	7 Holbrook Ave Backup Call. Reported Sewer backing up into basement shower. Jen Alferi 781 831 2503	Pulled up manholes around Pt. Allerton Ave near house number 16, 18, 22. Sewer flowing freely. Manhole located on 18 Pt Allerton Ave lawn checked as well. Clogged up with dirt/mud. Suspected pipe break between 7 Holbrook and 18 Pt Allerton. Found clean out about 20 ft from house under snow - clogged as well. Talked to resident of 7 Holbrook and informed that the break is private sewer and not paid for by town. John to assist with determine plan for residents of 7 Holbrook.	completed
3/17/2017	4262	Dig Safe Requests	76 Hampton circle water pipe broken	Marked Dig Safe	completed
3/19/2017	4264	PS 1 Pump 1	Pump not functioning properly.	LOTO performed. Deragged pump	completed
3/20/2017	4798	MH 20655	NASCO Level 1 Inspection MH 20655		completed
3/20/2017	4799	MH 20646	NASCO Level 1 Inspection MH 20646		completed
3/20/2017	4800	MH 20691	NASCO Level 1 Inspection MH 20691	6 foot depth apx	completed
3/20/2017	4801	MH 20640	NASCO Level 1 Inspection MH 20640	1 drop pipe	completed
3/20/2017	4802	MH 20634	NASCO Level 1 Inspection MH 20634		completed
3/20/2017	4803	MH 20625	NASCO Level 1 Inspection MH 20625		completed
3/20/2017	4804	MH 20609	NASCO Level 1 Inspection MH 20609		completed
3/20/2017	4805	MH 20583	NASCO Level 1 Inspection MH 20583		completed
3/20/2017	4806	MH 20559	NASCO Level 1 Inspection MH 20559		completed
3/20/2017	4807	MH 20537	NASCO Level 1 Inspection MH 20537	Broken cover being replaced	completed
3/20/2017	4808	MH 20506	NASCO Level 1 Inspection MH 20506	4" of rim missing	completed
3/20/2017	4809	MH 20478	NASCO Level 1 Inspection MH 20478		completed
3/20/2017	4810	MH 20450	NASCO Level 1 Inspection MH 20450		completed
3/20/2017	4811	MH 20425	NASCO Level 1 Inspection MH 20425		completed
3/20/2017	4812	MH 20327	NASCO Level 1 Inspection MH 20327		completed
3/20/2017	4814	MH 20347	NASCO Level 1 Inspection MH 20347		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
3/20/2017	4265	MH 20537	Manhole Inspection	12:08 pm while inspection of manhole noticed broken cover. Bill B. Went back to plant brought back to site	completed
3/20/2017	4285	22 - WW - sewers/pipes/force mains	Camera and cleaned nantasket rd	Eric,Bill at nantasket rd with windriver cleaning and cctv lines	completed
3/20/2017	4267	20 - WW - Collections - General	Pumped and jetted MH at 76 Atlantic Ave.	BB and windriver pumped and jetted surcharged line. Used cutter head and got parshall flow. Looks like heavy roots and possible broken pipe remaining.	completed
3/21/2017	4813	MH 20361	NASCO Level 1 Inspection MH 20361		completed
3/21/2017	4787	MH 20967	NASCO Level 1 Inspection MH 20967	Missing mortar in chimney	completed
3/21/2017	4789	MH 20980	NASCO Level 1 Inspection MH 20980		completed
3/21/2017	4790	MH 20972	NASCO Level 1 Inspection MH 20972	Good condition. No connections	completed
3/21/2017	4791	MH 20971	NASCO Level 1 Inspection MH 20971	No Connections	completed
3/21/2017	4792	MH 20974	NASCO Level 1 Inspection MH 20974	Good condition	completed
3/21/2017	4793	MH 20973	NASCO Level 1 Inspection MH 20973		completed
3/21/2017	4794	MH 20979	NASCO Level 1 Inspection MH 20979	Missing mortar at chimney. Connection from 20980	completed
3/21/2017	4795	MH 20976	NASCO Level 1 Inspection MH 20976	Missing motor thru out chimney	completed
3/21/2017	4796	MH 20688	NASCO Level 1 Inspection MH 20688		completed
3/21/2017	4788	MH 20970	NASCO Level 1 Inspection MH 20970		completed
3/21/2017	4280	MH 20002	Pier Man hole stuck to rim	Jody & Jim removed manhole and water tight cover.	completed
3/21/2017	4271	23 - WW Pump Stations	Station 3 install tube to lower level from grade level for daily gas readingd	Tested time to purge for sample was 1.05 min.	completed
3/21/2017	4270	MH 20688	Manhole Inspection	903am during manhole inspection observed cracked cover Rick Clark brining one out to location	completed
3/21/2017	4272	23 - WW Pump Stations	PS 1 added tube to lower level for gas readings	Purge time 59 sec	completed
3/21/2017	4273	23 - WW Pump Stations	PS A install tube for gas readings in lower level	Purge time 25 sec	completed
3/21/2017	4274	23 - WW Pump Stations	Pump Station 4 instaled tube in lower level for gas readings	Gas levels good	completed
3/21/2017	4275	23 - WW Pump Stations	Pump station 5 install tube to lower level for gas readings	Air quality good	completed
3/21/2017	4276	23 - WW Pump Stations	Ps 6 installed tube to lower level for gas readings	All normal gas readings	completed
3/21/2017	4277	23 - WW Pump Stations	PS 9 install tube to lower level for gas readings	Atmosphere goof	completed
3/21/2017	4278	20 - WW - Collections - General	Manhole Inspection	BB assisted by Rick used push camera to inspect the 6" clay pipe found to be partially blocked. Camera revealed roots and a collapsed pipe pushed down from the crown.	completed
3/21/2017	4279	PS 3	Met With E.J Prescott to get leak proofing quote for dry pit lower level	BB took Reggie from ej Prescott into pump station to inspect dry pit leaks and discuss repair options	completed
3/22/2017	4282	MH 20005	Manhole Inspection	Search for i&i	completed
3/22/2017	4290	PS 9 Transfer Switch	Annual PM by NETS	Annual ATS PM and transfer test by Paul Sullivan	completed
3/22/2017	4280	MH 20002	Pier Man hole stuck to rim	Inspected for inflow from pier with client rep John S, now flow at time of inspection	completed
3/22/2017	3945	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3951	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk update	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
3/22/2017	3955	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3961	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3966	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3970	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3946	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3952	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3956	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3962	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3967	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	3971	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	4036	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	4037	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	4038	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	4039	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	4040	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk update	completed
3/22/2017	4041	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk update	completed
3/24/2017	4287	20 - WW - Collections - General	Manhole Inspection	Pop manhole to investigate	completed
3/26/2017	4291	PS 9 Transfer Switch	Annual Transfer switch PM service	Annual PM and transfer test by Paul Sullivan. Completed what was started on previous day.	completed
3/26/2017	4292	PS 5 Transfer Switch	Annual transfer switch PM & test	Annual PM and transfer test by Paul Sullivan	completed
3/26/2017	4293	PS 4 Transfer Switch	annual transfer switch PM and test	Annual PM and transfer test by Paul Sullivan - no issues	completed
3/26/2017	4294	PS 3 Transfer Switch	Annual transfer switch PM & test	Annual PM and transfer test by Paul Sullivan - NETS - no issues	completed
3/26/2017	4295	PS 1 Transfer Switch	Annual transfer switch PM & test	Annual PM and transfer test by Paul Sullivan of NETS - no issues	completed
3/26/2017	4296	PS 6 Transfer Switch	annual transfer switch PM and test	Annual PM and transfer test by Paul Sullivan - completed what had been started on 3/22. Also, generator needed additional coolant. RClark assist.	completed
3/27/2017	4297	Grinder Pump 69 GOSNOLD ST.	Pump went into alarm	LOTO performed. Filled tote. Replaced dysfunctional grinder pump with Repaired Grinder Pump. Filled out grinder pump form and put under door entrance.	completed
3/27/2017	4298	20 - WW - Collections - General	27 Point Allerton	Dug up 4" clay service and found large root blockage in right of way area. Replaced with PVC after removing all debris. Installed double clean out to grade. BB onsite	completed
3/28/2017	4300	MH 20983	Manhole Inspection	For documentation MH in woods 25 ft from pole documentation in St sprayed with marker paint	completed
3/28/2017	4301	MH 20986	Manhole Inspection	Location of manhole documented	completed
3/29/2017	4306	20 - WW - Collections - General	Removal of debris at dump	Eric Matt at dump pit	completed
3/29/2017	4308	20 - WW - Collections - General	Manhole Inspection	BB and Jody inspected manholes on edge of lagoon with John S. Looked for possible bulkheaded 18 inch pipe between them. Not visible. MH walls in good condition. See GoPro pictures	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
3/29/2017	4307	20 - WW - Collections - General	76 Atlantic Ave Repair	This work occurred 3/28 not 3/29 shown above. Large root balls found in clay pipe. New PVC installed 14`. Area was cleared of trees and taken off site	completed
3/30/2017	4309	MH 20058	Cracked manhole cover	Eric john replaced cover	completed
3/30/2017	4312	Dig Safe Requests	85 Nantasket road emergency Digsafe	Marked Dig Safe	completed
3/30/2017	4311	20 - WW - Collections - General	Removal of debris at dump	Eric Matt at dump pit removal of debris from street cleaning and cctv work	completed
4/1/2017	4416	Grinder Pump 30 POND STREET	Grinder in alarm	430pm Eric Joe replaced grinder, infiltration occurring to keep pump running see SEMS work order for more info	completed
4/1/2017	4415	Grinder Pump 30 POND STREET	Grinder in alarm	430pm Eric Joe replaced grinder, infiltration occurring to keep pump running see SEMS work order for more info	completed
4/3/2017	4420	20 - WW - Collections - General	15 Hillside rd backup call	830am Eric Rick Jody opened MH 20806 inspected flow street flowing freely called homeowner advised to call plumber	completed
4/3/2017	4119	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly	Ran generator load test today!	completed
4/3/2017	4108	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
4/3/2017	4147	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
4/3/2017	4122	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
4/3/2017	4133	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
4/3/2017	4138	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
4/4/2017	4422	20 - WW - Collections - General	58 Park Ave. Backup Call	Resident/callers name is Courtney McCarthy. 617 365 5149. Examined MH 20876 and MH 20873. No flow present -> dye tested manhole 20876 upstream and received dye at MH 20873, confirming flow in street. Informed resident of work performed and recommended calling a plumber.	completed
4/6/2017	4427	20 - WW - Collections - General	Area velocity meter test	Tested area velocity meter and module #6 successful. Bb and JC	completed
4/6/2017	4426	20 - WW - Collections - General	58 Valley Beach Road. Potential Backup Call	Checked Manhole 20929 outside residence and manhole at Station A. Flowing freely. Informed resident to call a plumber	completed
4/9/2017	4110	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
4/9/2017	4116	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
4/9/2017	4124	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
4/9/2017	4130	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
4/9/2017	4149	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
4/9/2017	4140	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
4/10/2017	4433	22 - WW - sewers/pipes/force mains	Check flow in street MH 20679	Eric bill arrived at location opened manhole street flowing freely Muzzi drain asked to check st he said he pulled a possum out of a homeowners service	completed
4/12/2017	4437	MH 20683	Install wrap O ring due to noise	BB and JS installed wrap O ring at 39 nantasket road	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
4/12/2017	4438	MH 20299	Install wrap oring due to noise	BB and JS installed wrap oring on nantasket ave near Q street	completed
4/12/2017	4440	MH 20444	Cut off top 3 ladder wrongs for plug insert	Jody with support from JG & BB performed confined space entry, hot work permit, & cut out 3 ladder wrongs with a grinding wheel.	completed
4/12/2017	4439	20 - WW - Collections - General	14 Glover partial blockage camera inspection	BB and JG camered main and located service connection. Found debris or possibly roots hanging out of service into main with partial flow seen. Painted service location in Street.	completed
4/13/2017	4441	Dig Safe Requests	Sewer markup for 40 cadish Ave for dig safe request	Marked Dig Safe	completed
4/14/2017	4452	22 - WW - sewers/pipes/force mains	Eric Matt at dump pit removal of debris	Removal of debris	completed
4/14/2017	4454	MH 20281	Manhole Inspection	Manhole has multiple leaks through barrier est half way down manhole. Two inlet pipes in manhole as well preventing access by camera.	completed
4/15/2017	4455	MH 20278	Manhole Inspection	Manhole has two inlet pipes entering manhole. Unable to access with camera.	completed
4/15/2017	4456	MH 20256	Manhole Inspection	Manhole has multiple inlet pipes entering manhole. Unable to access with camera.	completed
4/17/2017	4315	PS A Electrical MCC	Check A phase connection - hot & loose	Replaced motor starter with new and cut and cleaned connections. Temperature was back to normal. Done by Mark Cleary April 13th 2017.	completed
4/17/2017	4463	PS A Pump 2	ESSCO IR study loose connection	Replaced motor starter and cleaned and tourqued connections. Temperatures are back to normal.	completed
4/17/2017	4466	Dig Safe Requests	Catch basin work 5 mayflower rd	Marked Dig Safe	completed
4/17/2017	4464	PS A Pump 2	ESCO IR study high heat on loose connection		completed
4/17/2017	4464	PS A Pump 2	ESCO IR study high heat on loose connection		completed
4/18/2017	4472	20 - WW - Collections - General	Remove 4 ladder rungs from MH #20141 for plug insertion	Remove ladder rungs	completed
4/19/2017	4477	Dig Safe Requests	30 Andrew ave. Apx markout no tiecard	Marked Dig Safe	completed
4/19/2017	4475	MH 20273	Manhole on Nantasket Ave / T street wobbly	Installed wrap-o-ring @ manhole 20273	completed
4/19/2017	4476	MH 20694	Manhole cover wobbly	Adjusted manhole cover using manhole lifter + magnet. Adjusted successfully so that manhole no longer moves when driven over.	completed
4/19/2017	4109	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
4/19/2017	4115	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
4/19/2017	4123	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
4/19/2017	4129	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
4/19/2017	4139	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
4/19/2017	4148	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
4/19/2017	4111	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
4/19/2017	4117	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
4/19/2017	4125	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
4/19/2017	4131	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
4/19/2017	4141	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
4/19/2017	4150	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
4/20/2017	4479	Dig Safe Requests	141 Nantasket Road. Replace Gas Line	Marked Dig Safe	completed
4/20/2017	4480	Dig Safe Requests	6 Seventh Street. Gas Line Replacement	Marked Dig Safe	completed
4/20/2017	4481	Dig Safe Requests	143 Nantasket Road	Marked Dig Safe	completed
4/20/2017	4482	Dig Safe Requests	149 Nantasket Road. Gas Line Replacement	Marked Dig Safe	completed
4/20/2017	4483	Dig Safe Requests	133 Nantasket Road. Gas Line Replacement	Marked Dig Safe	completed
4/21/2017	4490	Dig Safe Requests	37 Elm Ave.	Marked Dig Safe	completed
4/21/2017	4499	MH 20803	Change batteries in bacteria unit due to no priming	When priming unit light comes on but doesn't prime and unit doesn't click batteries need to be changed	completed
4/23/2017	4142	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
4/23/2017	4151	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
4/23/2017	4132	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
4/23/2017	4126	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
4/23/2017	4118	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
4/23/2017	4112	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
4/24/2017	4501	Dig Safe Requests	2 Ninth Street. National Grid.	Marked Dig Safe	completed
4/24/2017	4502	Dig Safe Requests	1 Ninth Street. National Grid	Marked Dig Safe	completed
4/24/2017	4507	Dig Safe Requests	18 Clifton Ave	Marked Dig Safe	completed
4/24/2017	4508	Dig Safe Requests	16 Clifton Ave	Marked Dig Safe	completed
4/24/2017	4509	Dig Safe Requests	15 Clifton Ave. National Grid	Marked Dig Safe	completed
4/24/2017	4510	Dig Safe Requests	159 Nantasket Road. National Grid	Marked Dig Safe	completed
4/24/2017	4511	Dig Safe Requests	155 Nantasket Road. National Grid	Marked Dig Safe	completed
4/24/2017	4512	Dig Safe Requests	70 B Street. Emergency Gas Line Repair	Marked Dig Safe	completed
4/24/2017	4513	Dig Safe Requests	58 J Street. Removal of Driveway	Marked Dig Safe	completed
4/25/2017	4517	MH 20395	Banging manhole Dst + nantasket Ave	Eric john installed rappo ring around rim of manhole	completed
4/25/2017	4518	MH 20390	Banging manhole Est + nantasket Ave	Eric john installed rappo ring around rim of manhole	completed
4/25/2017	4519	MH 20345	Banging manhole Lst + nantasket Ave	Eric john installed rappo ring around rim of manhole	completed
4/25/2017	4520	MH 20309	Banging manhole Pst + nantasket Ave	Eric john installed rappo ring around rim of manhole	completed
4/27/2017	4525	Dig Safe Requests	20 Clifton ave	Marked Dig Safe	completed
4/27/2017	4526	Dig Safe Requests	19 Clifton ave	Marked Dig Safe	completed
4/27/2017	4527	Dig Safe Requests	23 Clifton ave	Marked Dig Safe	completed
4/27/2017	4528	Dig Safe Requests	25 Clifton ave	Marked Dig Safe	completed
4/27/2017	4529	Dig Safe Requests	27 Clifton ave	Marked Dig Safe	completed
4/27/2017	4530	Dig Safe Requests	29 Clifton ave	Marked Dig Safe	completed
4/28/2017	4532	MH 20395	Nantasket Ave manhole cover flipped over	Eric responded to hull police call of manhole cover flipped over, reinstall cover	completed
4/28/2017	4533	Dig Safe Requests	Mark all of Nantasket rd as requested	Eric Rick dig safe request from 1 to 107 NANTASKET RD, AND 204 to 220 Nantasket rd. Summary was 22 dig safes were completed	completed
4/29/2017	4534	20 - WW - Collections - General	173 spring st. Resident called staff and reported having backup issues. Staff responded and checked to manholes one was partially blocked and at the other end it was completely blocked.	POP3 manholes,jettied and vactored on both sides of the middle manhole for approximately 453 ft. Observed an abundance of FLUSHABLE wipes.	completed
4/30/2017	4352	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
4/30/2017	4364	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
4/30/2017	4370	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
4/30/2017	4382	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
4/30/2017	4376	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
5/3/2017	4636	PS 3 Pump 2	Installed 5/8 metal plate on volute	Eric Bill Jody removed wood cover from volute then installed 5/8 metal plate onto volute with gasket which wash fabricated by Jodi and washed station and removed debris	completed
5/3/2017	4637	Dig Safe Requests	36 -57 WESTMINSTER RD GAS LINE	Marked Dig Safe	completed
5/4/2017	4638	Dig Safe Requests	Multiple Digsafe markouts along summer, Westminster and Newport roads	Marked Dig Safe	completed
5/4/2017	4645	Dig Safe Requests	Mountford rd, fair st, Sumner st partial Newport rd gas project	Marked Dig Safe	completed
5/4/2017	4638	Dig Safe Requests	Multiple Digsafe markouts along summer, Westminster and Newport roads	Marked Dig Safe	completed
5/5/2017	4641	20 - WW - Collections - General	83 main street back-up	Eric Rodger on site due tested toilet no due at manhole advised homeowner to recall muzzi to finish job street flowing freely	completed
5/5/2017	4642	22 - WW - sewers/pipes/force mains	83 main st back up continue Erika Malik 954 226 2123	Spoke to homeowner Muzzi drain couldn't fix issue Eric Rodger dye tested toilet observed manhole 20022 for 30min no dye visible advised homeowner to re call muzzi or rottorooter	completed
5/5/2017	4644	PS 9 Pump 2	Pump 2 indicates running on scada since 5/3 12pm.	Arrive at station with ES. Pump 2 motor was cold and not actually running. Check vfd, run in hand ok. Somehow VFD got out of auto mode. Possibly from IR scan work on 5/3. Watch for one cycle and wet well drawn down ok.	completed
5/8/2017	4646	PS 6 Pump 1	GPM'S at 520. In need of derag.	LOTO performed. Deragged pump	completed
5/8/2017	4648	MH 20069	Manhole Inspection	Flowing Freely	completed
5/8/2017	4649	MH 20075	Manhole Inspection	Flowing freely. Slight rag/debris buildup present on shelf	completed
5/8/2017	4647	20 - WW - Collections - General	19 Mount Pleasant. Backup call. Phillip Maloney. 508 359 4936	Checked MH 20069 and MH 20075. Flowing freely. Resident says the blockage cleared on its own. No further work required.	completed
5/8/2017	4650	20 - WW - Collections - General	18 valley beach rd back-up issue	2pm Eric John on site opened MH 20933 , also MH 20932 street flowing freely. Muzzi told homeowner he would bring a camera twice and failed to due so I advised homeowner to call muzzi back to camera line for a diminutive site of the line	completed
5/9/2017	4652	Dig Safe Requests	4 F st emergency water leak repair	Marked Dig Safe	completed
5/9/2017	4651	Dig Safe Requests	Water line rapair 208 nantasket ave	Marked Dig Safe	completed
5/9/2017	4344	PS 1	PS #1 Inspection - Monthly		completed
5/9/2017	4345	PS 3	PS #3 Inspection - Monthly		completed
5/9/2017	4345	PS 3	PS #3 Inspection - Monthly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
5/9/2017	4346	PS 4	PS #4 Inspection - Monthly		completed
5/9/2017	4347	PS 5	PS #5 Inspection - Monthly		completed
5/9/2017	4348	PS 6	PS #6 Inspection - Monthly		completed
5/9/2017	4349	PS 9	PS #9 Inspection - Monthly		completed
5/9/2017	4350	PS A	PS #A Inspection - Monthly		completed
5/9/2017	4653	Dig Safe Requests	Address 7 thru 112were marked out gas gas project	Marked Dig Safe	completed
5/10/2017	4660	20 - WW - Collections - General	Gallop Hill and Main st banging manhole	Eric Rick installed rappo ring on a drain cover which is owned by DPW	completed
5/10/2017	4665	20 - WW - Collections - General	918 Natasket Ave blockage in house	206 pm Eric opened MH 20145 and MH 20145 street flowing freely also MH 20144 cover is broken and him bill brought out new cover	completed
5/11/2017	4668	PS 3 By-pass system (New)	Tested bypass pump with floats for operation	Eric Rick at station three shut station pump off, let wetwell come up to 130" prepped floats height at proper height with yellow tape, primed pump opened force main valve watched trash pump cycle on and off twice. Shut force main valve watched drained back to wetwell Aram on site happy with procedure	completed
5/11/2017	4669	PS 3	Made new gasket for trash pump drain port due to weeping port area	Eric Rick installed new gasket on drain port of trash pump due to leak, re primed pump to assure no leaks during operation	completed
5/11/2017	4670	22 - WW - sewers/pipes/force mains	Opened manhole at logon and main st and ocean ave for John Struzziey and Ted Berry for future work to be performed	Eric Rick at lagoon, ocean ave, main st with JS and Ted Berry opening MH s for future work to be performed in collection system	completed
5/11/2017	4671	MH 20395	Hull police called flipped manhole cover	Eric Joe B at location for the 3rd time 1st ,banging manhole put rappo ring cover flipped, 2nd took out rappo got called for loud cover reinstalled rappo differently hoped for the best. 3rd time flipped again took rappo ring out used screwdriver while cover in place and filled gap around cover this cover and rim is being replaced during paving due to broken rim	completed
5/12/2017	4353	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
5/12/2017	4365	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
5/12/2017	4371	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
5/12/2017	4383	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
5/12/2017	4377	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
5/12/2017	4256	20 - WW - Collections - General	7 Holbrook Ave basement shower backup	homeowner called roto rooter cleared pipe	completed
5/12/2017	4662	MH 20395	Broken 26" rim and cover system need to be replaced before paving		completed
5/12/2017	4663	MH 20506	Broken 26" rim and cover system need to be replaced before paving at the corner of Ninth and Natasket Rd		completed
5/15/2017	4687	PS 6 Pump 1	Clogged pump	Unclogged	completed
5/16/2017	4693	PS A Sump Pump	Pump ground water out of drywerll into wetwell	Put hose in wetwell plug puddle pump in outlet	completed
5/17/2017	4696	PS 4	Documenting storm drain pipe	Eric took picture of storm drain pipe and rock formation for documentation	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
5/17/2017	4695	Dig Safe Requests	9 dig safes thru out town gas repair, paved driveways, fence install	Marked Dig Safe Eric Joe marked 9 dig safes thru out town	completed
5/17/2017	4697	Dig Safe Requests	16 dig safes nantasket ave from 1064 to 1095 for water main leak	Marked Dig Safe	completed
5/17/2017	4697	Dig Safe Requests	16 dig safes nantasket ave from 1064 to 1095 for water main leak	Marked Dig Safe	completed
5/17/2017	5010	PS D - DPW Stormwater Pump Station	Run trash pump	High tide approx 5pm. Heavier rain started at about 545pm, start up trash pump & run until 1030pm, and saw that submersible pump had shut off and rain subsided	completed
5/18/2017	4387	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly	Dispatched To 3392148334	completed
5/18/2017	4703	PS 6 Building	Demo and replace corner boards and clipboards as discussed		completed
5/21/2017	4379	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
5/21/2017	4385	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
5/21/2017	4373	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
5/21/2017	4367	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
5/21/2017	4361	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
5/21/2017	4355	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
5/23/2017	4716	PS 6 Pump 1	Deragg pump 1 due to low flow	Eric Jodi John at station 6 deragg pump 1 turned pump 1 off LOTO performed shut auction and discharge valves removed debris installed inspection port opened valves turned pump on now pumping at 660 gpm	completed
5/23/2017	4819	PS 9 Transfer Switch	Replace agastat timer	Paul Sullivan from NETS, changed out agastat timer in the ATS, that was found to be deficoent during the recent annual PM. Tested transfer switch after replacement.	completed
5/24/2017	4815	MH 20424	NASCO Level 1 Inspection MH 20424	OK conditions	completed
5/24/2017	4797	MH 20662	NASCO Level 1 Inspection MH 20662		completed
5/24/2017	4721	MH 20933	NASCO Level 1 Inspection MH 20933	Good condition. Frame zeal inflow cover defective.	completed
5/24/2017	4722	MH 20955	NASCO Level 1 Inspection MH 20955	Rim Inflow. Chimney missing mortar. Good condition.	completed
5/24/2017	4723	MH 20954	NASCO Level 1 Inspection MH 20954	Manhole in good condition. Rim inflow possible	completed
5/24/2017	4724	MH 20950	NASCO Level 1 Inspection MH 20950	MH INSERT NEEDS BAR. MH GOOD NO INFILTRATION	completed
5/24/2017	4725	MH 20953	NASCO Level 1 Inspection MH 20953	Manhole insert is fine. Some infiltration at the nh wall and bench.	completed
5/24/2017	4726	MH 20956	NASCO Level 1 Inspection MH 20956	New rim needed. Corroded.	completed
5/24/2017	4727	MH 20957	NASCO Level 1 Inspection MH 20957	Manhole is good no infiltration. Rim inflow possible. Cover in mh should be removed.	completed
5/24/2017	4728	MH 20958	NASCO Level 1 Inspection MH 20958	Good manhole no infiltration. Rim inflow possible.	completed
5/24/2017	4729	MH 20959	NASCO Level 1 Inspection MH 20959	Rim inflow possible. Good condition no infiltration	completed
5/24/2017	4730	MH 20960	NASCO Level 1 Inspection MH 20960	Rim inflow possible. Good manhole no infiltration	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
5/24/2017	4731	MH 20961	NASCO Level 1 Inspection MH 20961	Rim Inflow. Frame inflow. Replace the frame infiltration coming through bottom of frame. Source of water could be nearby water gate valves.	completed
5/24/2017	4732	MH 20964	NASCO Level 1 Inspection MH 20964		completed
5/24/2017	4733	MH 20966	NASCO Level 1 Inspection MH 20966	6" pipe in. Manhole in good condition.	completed
5/24/2017	4734	MH 20968	NASCO Level 1 Inspection MH 20968	Manhole in good condition. Rim inflow possible.	completed
5/24/2017	4735	MH 20962	NASCO Level 1 Inspection MH 20962	PS1 manhole. Agg showing. Inflow cover inserted. Manhole some infiltration. Recommend epoxy line.	completed
5/24/2017	4736	MH 20962A	NASCO Level 1 Inspection MH 20962A	PS1 MH. Rim inflow.	completed
5/24/2017	4737	MH 20965	NASCO Level 1 Inspection MH 20965	Rim inflow. Light infiltration at wall.	completed
5/24/2017	4738	MH 20967	NASCO Level 1 Inspection MH 20967	Rim inflow. Infiltration at wall/bench.	completed
5/24/2017	4739	MH 20970	NASCO Level 1 Inspection MH 20970	Rim inflow. No infiltration	completed
5/24/2017	4740	MH 20971	NASCO Level 1 Inspection MH 20971	Rim inflow. Infiltration at pipe connections and wall/bench.	completed
5/24/2017	4741	MH 20972	NASCO Level 1 Inspection MH 20972	Rim inflow. Wall and pipe connections leaking.	completed
5/24/2017	4742	MH 20973	NASCO Level 1 Inspection MH 20973	Pick holes inflow.	completed
5/24/2017	4743	MH 20974	NASCO Level 1 Inspection MH 20974	Frame and cover inflow due to pick holes	completed
5/24/2017	4744	MH 20976	NASCO Level 1 Inspection MH 20976	Pick holes will cause inflow. Recommend new frame and cover.	completed
5/24/2017	4745	MH 20979	NASCO Level 1 Inspection MH 20979		completed
5/24/2017	4746	MH 20980	NASCO Level 1 Inspection MH 20980	Some missing mortar in chimney. No rehab	completed
5/24/2017	4747	MH 20979A	NASCO Level 1 Inspection MH 20979A	Roots at walls and infiltration at walls and bench.	completed
5/24/2017	4748	MH 20975	NASCO Level 1 Inspection MH 20975	Shallow manhole. Good condition. No rehab.	completed
5/24/2017	4749	MH 20977	NASCO Level 1 Inspection MH 20977	Good condition some debris build up. No rehab	completed
5/24/2017	4750	MH 20978	NASCO Level 1 Inspection MH 20978	Deep manhole in good condition. No recommended rehab	completed
5/24/2017	4751	MH 20981	NASCO Level 1 Inspection MH 20981		completed
5/24/2017	4752	MH 20424	NASCO Level 1 Inspection MH 20424		completed
5/24/2017	4753	MH 20154	NASCO Level 1 Inspection MH 20154	Manhole inspection do to backup call at 24 glover ave	completed
5/24/2017	4754	MH 20873	NASCO Level 1 Inspection MH 20873		completed
5/24/2017	4755	MH 20876	NASCO Level 1 Inspection MH 20876	Dead end MH flows towards MH 20873 on Rockland House rd	completed
5/24/2017	4756	MH 20806	NASCO Level 1 Inspection MH 20806	Backup call 15 Hillside rd street flowing freely called homeowner advised to call plumber	completed
5/24/2017	4757	MH 20016	NASCO Level 1 Inspection MH 20016	No connection	completed
5/24/2017	4758	MH 20017	NASCO Level 1 Inspection MH 20017	No connection	completed
5/24/2017	4759	MH 20006	NASCO Level 1 Inspection MH 20006	No connection	completed
5/24/2017	4760	MH 20052	NASCO Level 1 Inspection MH 20052		completed
5/24/2017	4761	MH 20058	NASCO Level 1 Inspection MH 20058		completed
5/24/2017	4762	MH 20065	NASCO Level 1 Inspection MH 20065	Defective channel	completed
5/24/2017	4763	MH 20078	NASCO Level 1 Inspection MH 20078	1 connection	completed
5/24/2017	4764	MH 20983A	NASCO Level 1 Inspection MH 20983A		completed
5/24/2017	4765	MH 20988	NASCO Level 1 Inspection MH 20988	Cross country/ easement	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
5/24/2017	4766	MH 20986	NASCO Level 1 Inspection MH 20986		completed
5/24/2017	4767	MH 20987	NASCO Level 1 Inspection MH 20987		completed
5/24/2017	4768	MH 20984	NASCO Level 1 Inspection MH 20984		completed
5/24/2017	4769	MH 20985	NASCO Level 1 Inspection MH 20985	1 connection	completed
5/24/2017	4770	MH 20982	NASCO Level 1 Inspection MH 20982		completed
5/24/2017	4771	MH 20969	NASCO Level 1 Inspection MH 20969	No connection	completed
5/24/2017	4772	MH 20005	NASCO Level 1 Inspection MH 20005	4 connection	completed
5/24/2017	4773	MH 20005 peir	NASCO Level 1 Inspection MH 20005 peir		completed
5/24/2017	4774	MH 20964	NASCO Level 1 Inspection MH 20964		completed
5/24/2017	4775	MH 20961	NASCO Level 1 Inspection MH 20961		completed
5/24/2017	4776	MH 20950	NASCO Level 1 Inspection MH 20950		completed
5/24/2017	4777	MH 20953	NASCO Level 1 Inspection MH 20953		completed
5/24/2017	4778	MH 20956A	NASCO Level 1 Inspection MH 20956A		completed
5/24/2017	4779	MH 20956	NASCO Level 1 Inspection MH 20956	Damaged rim and grease buildup in channel	completed
5/24/2017	4780	MH 20957	NASCO Level 1 Inspection MH 20957		completed
5/24/2017	4781	MH 20958	NASCO Level 1 Inspection MH 20958		completed
5/24/2017	4782	MH 20959A	NASCO Level 1 Inspection MH 20959A	One connection. Damaged rim at street level	completed
5/24/2017	4783	MH 20958	NASCO Level 1 Inspection MH 20958	No Connections	completed
5/24/2017	4784	MH 20962	NASCO Level 1 Inspection MH 20962	Corroded walls	completed
5/24/2017	4785	MH 20963	NASCO Level 1 Inspection MH 20963		completed
5/24/2017	4786	MH 20965	NASCO Level 1 Inspection MH 20965		completed
5/24/2017	4702	PS 6	Demo and replace corner boards and clipboards as discussed		completed
5/24/2017	4718	20 - WW - Collections - General	Backup Call. 125 Newport Road. Called in by Landlord, no name or number available.	Checked manholes 20555 and 20541, both flowing freely. Informed renter of non-issue in street. Resident said that her sewer was not backing up, rather the flow was lesser than usual. Informed resident to call plumber if desired and left Hull Lateral Service Letter with resident.	completed
5/24/2017	4667	PS 4 Building	Concrete safety hazard		completed
5/24/2017	4817	MH 20920	Dye test storm drain at 7 maple to see if dye reaches MH	Eric Pete Lyons put dye in storm drain used tote with booster pump saw bright green dye in drain MH, minutes later saw less bright dye in sewer MH	completed
5/24/2017	4816	22 - WW - sewers/pipes/force mains	Open 32 manholes on summit , Atlantic ave ,driftway, gunrock,stone beach, valley beach	Eric Pete Lyons opened 32 manholes performing PACPs, and pictures for documentation for future work	completed
5/24/2017	4818	MH 20933	Added dye in storm drain with dye in yard of 38 Valley beach to see if dye reaches MH 20933	Eric Pete Lyons added dye in storm drain opened MH 20933 after a few minutes saw light dye in sewer system	completed
5/25/2017	4821	Dig Safe Requests	8 dig safes from Ast to the plant. Gas repair, install fences, paved driveways, hedge removals	Marked Dig Safe	completed
5/25/2017	4821	Dig Safe Requests	8 dig safes from Ast to the plant. Gas repair, install fences, paved driveways, hedge removals	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
5/26/2017	4824	PS 6 Pump 1	Deragg pump do to low flow	Eric Rick at pump station 6 loto performed shut suction and discharge valves removed inspection port removed debris reinstalled inspection port opened valves turned pump on now pumping 667gpm	completed
5/26/2017	4829	Dig Safe Requests	Meade ave, revere st ,samaset ave, nantasket ave. Gas leak, removal of tree stumps, footing for deck,	Marked Dig Safe	completed
5/30/2017	4351	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly	Bulk close out jg	completed
5/30/2017	4357	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly	Bulk close out jg	completed
5/30/2017	4363	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Bulk close out jg	completed
5/30/2017	4369	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Bulk close out jg	completed
5/30/2017	4375	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Bulk close out jg	completed
5/30/2017	4381	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Bulk close out jg	completed
5/30/2017	4356	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Bulk close out jg	completed
5/30/2017	4362	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Bulk close out jg	completed
5/30/2017	4368	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Bulk close out jg	completed
5/30/2017	4374	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Bulk close out jg	completed
5/30/2017	4380	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Bulk close out jg	completed
5/30/2017	4386	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Bulk close out jg	completed
5/30/2017	4358	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
5/30/2017	4359	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
5/30/2017	4354	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
5/30/2017	4360	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
5/30/2017	4366	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
5/30/2017	4372	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
5/30/2017	4378	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
5/30/2017	4384	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
5/31/2017	4840	Dig Safe Requests	Emergency Digsafe 650 nantasket ave	Marked Dig Safe	completed
5/31/2017	4840	Dig Safe Requests	Emergency Digsafe 650 nantasket ave	Marked Dig Safe	completed
5/31/2017	4841	PS 3	Install web cam in bottom level of station	Complete by Mark Cleary, Rick and Eric.	completed
5/31/2017	4845	MH 20143	MH 20143 broken 26" cover	Observed broken MH cover while working with Ted Berry Eric Bill replaced cover	completed
6/1/2017	4566	PS 1	PS #1 Inspection - Monthly		completed
6/1/2017	4567	PS 3	PS #3 Inspection - Monthly		completed
6/1/2017	4568	PS 4	PS #4 Inspection - Monthly		completed
6/1/2017	4569	PS 5	PS #5 Inspection - Monthly		completed
6/1/2017	4570	PS 6	PS #6 Inspection - Monthly		completed
6/1/2017	4571	PS 9	PS #9 Inspection - Monthly		completed
6/1/2017	4572	PS A	PS #A Inspection - Monthly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
6/1/2017	4955	20 - WW - Collections - General	22 Gallops Hill Road backup	BB and John S. Inspected dead end MH where service enters and found dirt and debris. Plumber said they saw water come out of grass area believed to be from the service. Ted Berry and town jetted service from MH and cleared dirt / blockage, released remaining surcharging. BB die tested flow ok. Partial break in service may be present for further investigation.	completed
6/3/2017	4966	22 - WW - sewers/pipes/force mains	Hub construction in to fix lateral service for 20 gallops hill from MH 20115	Hub construction replaced 20` ft of damaged lateral service which was previously cameraed by Ted Berry and Eric now flowing freely	completed
6/4/2017	4594	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
6/4/2017	4599	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
6/4/2017	4589	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
6/4/2017	4579	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
6/4/2017	4574	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
6/5/2017	4967	PS D Pump 1	Pump 1 HOA was in off position	While inspection of station notice red light on panel was blinking but pump wasn't running further investigation notice HOA switch was in off position put back in auto pushed reset button now station operational	completed
6/5/2017	4962	MH 20115	CCTV Lateral at 22 gallop hill with Ted Berry	Hub construction in to replace 20ft of lateral pipe. Line flowing freely	completed
6/6/2017	4968	PS 9 Wet Well	Wetwell Inspection and cleaning.	Wetwell mainly free of debris. Minimal wind river pumping required.	completed
6/6/2017	4969	PS 1 Wet Well	Wetwell Inspection and cleaning.	Little to no debris present. Wind river did not need to pump wetwell. Lifted aerator and manually cleaning off rags. Filled 5 gal pale with rags.	completed
6/7/2017	4970	PS A Wet Well	Wet well and compressor cleaned with vactor truck	Windriver assisted by rc and js vactored out wet well and removed rags from instrumentation. Gopro wet well photos on hull team SharePoint.	completed
6/7/2017	4971	PS 4 Wet Well	Wet well and compressor cleaned	Windriver assisted by rc and js vactored out wet well and removed rags from instrumentation. Gopro wet well photos on hull team SharePoint.	completed
6/7/2017	4972	PS 5 Wet Well	Wet well and blower cleaned	Windriver assisted by rc and js vactored out wet well and removed rags from instrumentation. Gopro wet well photos on hull team SharePoint.	completed
6/8/2017	4973	20 - WW - Collections - General	18 valley beach rd , repeat back-up	Opened MH 20932 downstream of 18 valley beach rd street flowing freely	completed
6/9/2017	4979	Dig Safe Requests	13 dig safes thru out town , gas repair, landscaping	Marked Dig Safe	completed
6/9/2017	4979	Dig Safe Requests	13 dig safes thru out town , gas repair, landscaping	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
6/9/2017	4980	22 - WW - sewers/pipes/force mains	18 Valley beach rd Hub construction in to repair 13'ft of lateral pipe	Hub construction located line dug from bushes on property line to 12'ft into street removed damaged pipe cleared line either way, installed new PVC with a "Y" at cleanout used 3/4 stone, then back filled hole. Will be back to pave on 6/12/17	completed
6/12/2017	4983	Dig Safe Requests	18 channel st , new water line	Marked Dig Safe	completed
6/12/2017	4983	Dig Safe Requests	18 channel st , new water line	Marked Dig Safe	completed
6/12/2017	4984	Dig Safe Requests	101 highland ave new water and sewer install	Marked Dig Safe	completed
6/12/2017	4984	Dig Safe Requests	101 highland ave new water and sewer install	Marked Dig Safe	completed
6/12/2017	4992	Dig Safe Requests	28 Berkeley, replace water line	Marked Dig Safe	completed
6/12/2017	4992	Dig Safe Requests	28 Berkeley, replace water line	Marked Dig Safe	completed
6/12/2017	4661	MH 20159	Broken rim 26" system and cover needs to be replaced on Fitzpatrick Way before paving	went to plant retrieved 26" manhole cover reinstalled at manhole	completed
6/12/2017	4286	MH 20005	Manhole Inspection	hub construction at site to excavate and replace pipe also backfill excavation	completed
6/12/2017	4998	Dig Safe Requests	19 dig safes thru out town	Marked Dig Safe	completed
6/12/2017	4998	Dig Safe Requests	19 dig safes thru out town	Marked Dig Safe	completed
6/13/2017	5003	22 - WW - sewers/pipes/force mains	Bring 5 Manhole rims & covers to paving crew on nantasket ave for replacement, due to damaged existing rims & covers	Eric, jim,dillon,Bill, loaded 5 rims&covers on trailer brought to location on nantasket ave on proper streets B st MH 20396,C st MH 20405,D st MH 20377, F st MH 20363,H st MH 20363. brought damage materials back to plant	completed
6/13/2017	5000	Dig Safe Requests	35 elm ave , install drainage	Marked Dig Safe	completed
6/13/2017	5004	Dig Safe Requests	59 H to 732 beach ave, install of gas line. 15 dig safes total	Marked Dig Safe	completed
6/13/2017	5004	Dig Safe Requests	59 H to 732 beach ave, install of gas line. 15 dig safes total	Marked Dig Safe	completed
6/13/2017	5005	Dig Safe Requests	80 samoset ave. hull light	Marked Dig Safe	completed
6/13/2017	5005	Dig Safe Requests	80 samoset ave. hull light	Marked Dig Safe	completed
6/13/2017	5006	PS D - DPW Stormwater Pump Station	Bring 4" trash pump due to heavy flows in storm drains & flooding at G&F st and central ave	Eric Aram brought trash pump to D st hooked suction & discharge lines turned pump ON drove to F st & Central ave & G st water subsided after 20 minutes went back to D st shut pump off called it a night	completed
6/14/2017	4573	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly	Ran generator load test today!	completed
6/14/2017	4578	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly	Ran generator load test today! 90.1hrs.	completed
6/14/2017	4583	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Ran generator load test today! 457.7 hr.	completed
6/14/2017	4588	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test today! 410.9hr.	completed
6/14/2017	4598	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test today! 1275.0hr.	completed
6/14/2017	4593	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Ran generator load test today! 178.0 hr.	completed
6/14/2017	5007	Dig Safe Requests	112 catfish ave, emergency gas repair	Marked Dig Safe	completed
6/14/2017	5007	Dig Safe Requests	112 catfish ave, emergency gas repair	Marked Dig Safe	completed
6/15/2017	5008	Grinder Pump 87 ROCKAWAY AVE.	Grinder Pump went into Alarm	LOTO performed. Opened grinder pit. No surcharge in pit. Removed grinder pump from pit and replaced with Repaired pump. Left form in residents mailbox.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
6/16/2017	5011	PS 6 Building	Painted	Trim painted blue, shingles white, 2 coats. Scraped	completed
6/19/2017	4595	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
6/19/2017	4600	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
6/19/2017	4590	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
6/19/2017	4580	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
6/19/2017	4581	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
6/20/2017	5023	PS D - DPW Stormwater Pump Station	Run trash pump. High tide condition and rain.	Run 4-trash pump, due to heavy rain showers and during high tide period. Run pump for 3 hours.	completed
6/20/2017	5021	Dig Safe Requests	62 park ave. Emergency dig safe gas leak	Marked Dig Safe	completed
6/20/2017	5024	Dig Safe Requests	62 park ave. Emergency dig safe gas leak	Marked Dig Safe	completed
6/20/2017	5021	Dig Safe Requests	62 park ave. Emergency dig safe gas leak	Marked Dig Safe	completed
6/20/2017	5024	Dig Safe Requests	62 park ave. Emergency dig safe gas leak	Marked Dig Safe	completed
6/21/2017	4584	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
6/21/2017	4575	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
6/21/2017	4585	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
6/21/2017	4576	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
6/21/2017	4586	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
6/21/2017	4591	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
6/21/2017	4596	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
6/21/2017	4601	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
6/22/2017	5025	20 - WW - Collections - General	Inspected new house service Install at 6 L street. Divito contractor	Divito had service constructed in trench with a double wye clean out. Inspected line - good and took photos	completed
6/23/2017	5026	20 - WW - Collections - General	Overseeing service installation	Overseeing installation of service 2 grinder pump	completed
6/26/2017	4577	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
6/26/2017	4582	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
6/26/2017	4587	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
6/26/2017	4592	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
6/26/2017	5031	Grinder Pump 52 ORLEANS ST.	Grinder in alarm tested pump, would turn ON but wouldn't pump, changed out for a rebuilt	Eric ,Dillon changed out grinder	completed
6/26/2017	4602	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
6/26/2017	4597	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
6/28/2017	5038	Dig Safe Requests	Thu out town from Atlantic ave to high school	Marked Dig Safe	completed
6/28/2017	5038	Dig Safe Requests	Thu out town from Atlantic ave to high school	Marked Dig Safe	completed
6/29/2017	5042	MH 20603	105 Kingsley Rd broken manhole cover	Eric Dillon John Jaycin arrived at 105 Kingsley Rd replaced broken manhole cover 20603 and installed rappo ring	completed
7/1/2017	5154	Grinder Pump 9 SHORE GARDENS RD.	Alarm was triggered, and I received a pager alert and called back , respond to call .	Responded to the emergency pager, number @9 shore garden rd. Talked to residents, and ,found the issue of an overload on there circuit panel of the house, they knew of a circuit breaker popping, but we're unaware that the grinder pump was in alarm due to loss of power to grinder pump, simple reset cured the issue, pump operating normal again,	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
7/4/2017	4927	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly		completed
7/6/2017	5159	23 - WW Pump Stations	Comm fail at all circuits	Comm fail alarms for all circuits came in. Contact Verizon Repair. Able to have them test each circuit, and they all reset. No ticket issued.	completed
7/7/2017	5161	MH 20259	Manhole Inspection	For July 6th, inspected, flow ok	completed
7/7/2017	5163	22 - WW - sewers/pipes/force mains	Manhole Inspection 20232, on July 6th	Assisted by Cody P and Hoadley	completed
7/7/2017	5162	20 - WW - Collections - General	361 beach ave	On July 6th, inspected in morning, return later with JSS, JS, CP. Hoadley jetted 245 ft of sewer lime on Y St. All was clear. Also jetted a section of line towards 361 beach ave. Homeowner advised, private sewer issue.	completed
7/7/2017	5164	22 - WW - sewers/pipes/force mains	Dye test 363,361 Beach Ave and inspect MY 20296.	Assisted by Cody P.	completed
7/13/2017	4888	PS 1 Pump 1	PS #1 Pump 1 PM - Quarterly	With Jody	completed
7/13/2017	4889	PS 1 Pump 2	PS #1 Pump 2 PM - Quarterly	With Jody	completed
7/13/2017	4895	PS 3 Pump 1	PS #3 Pump 1 PM - Quarterly	With Jody	completed
7/13/2017	4896	PS 3 Pump 2	PS #3 Pump 2 PM - Quarterly	With Jody	completed
7/13/2017	4902	PS 4 Pump 1	PS #4 Pump 1 PM - Quarterly	With Jody	completed
7/13/2017	4903	PS 4 Pump 2	PS #4 Pump 2 PM - Quarterly	With Jody	completed
7/13/2017	4909	PS 5 Pump 1	PS #5 Pump 1 PM - Quarterly	With Jody	completed
7/13/2017	4910	PS 5 Pump 2	PS #5 Pump 2 PM - Quarterly	With Jody	completed
7/13/2017	4911	PS 6 Pump 1	PS #6 Pump 1 PM - Quarterly	With Jody	completed
7/13/2017	4912	PS 6 Pump 2	PS #6 Pump 2 PM - Quarterly	With Jody	completed
7/17/2017	4904	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Ran generator load test today!	completed
7/17/2017	4908	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete,	completed
7/17/2017	4884	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Ran generator load test today!	completed
7/17/2017	4883	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly	Ran generator load test today! 192.5 hrs	completed
7/17/2017	4890	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Ran generator load test complete!	completed
7/17/2017	4876	PS 1	PS #1 Inspection - Monthly		completed
7/17/2017	4877	PS 3	PS #3 Inspection - Monthly		completed
7/17/2017	4878	PS 4	PS #4 Inspection - Monthly		completed
7/17/2017	4879	PS 5	PS #5 Inspection - Monthly		completed
7/17/2017	4880	PS 6	PS #6 Inspection - Monthly		completed
7/17/2017	4881	PS 9	PS #9 Inspection - Monthly		completed
7/17/2017	4882	PS A	PS #A Inspection - Monthly		completed
7/17/2017	4885	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
7/17/2017	4891	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
7/17/2017	4899	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
7/17/2017	4905	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
7/17/2017	4915	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
7/17/2017	4924	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
7/17/2017	4890	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
7/17/2017	4894	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly		completed
7/17/2017	4897	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly		completed
7/17/2017	4898	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
7/17/2017	4913	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly		completed
7/17/2017	4914	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
7/17/2017	4922	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
7/17/2017	4923	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
7/17/2017	4603	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly		completed
7/17/2017	4894	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
7/17/2017	4897	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Ran generator load test today!	completed
7/17/2017	4898	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Ran generator load test today!	completed
7/17/2017	4923	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Ran generator load test complete today!	completed
7/17/2017	4886	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
7/17/2017	4892	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
7/17/2017	4900	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
7/17/2017	4906	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
7/17/2017	4916	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
7/17/2017	4925	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
7/17/2017	4922	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test today	completed
7/17/2017	4913	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Ran generator load test complete today!	completed
7/17/2017	4914	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Ran generator load test today!	completed
7/17/2017	5172	MH 20232	Installed wrap Oring on MH	BB / JG installed wrap O ring on noisy cover	completed
7/19/2017	4918	PS 9 Pump 1	PS #9 Pump 1 PM - Quarterly		completed
7/19/2017	4919	PS 9 Pump 2	PS #9 Pump 2 PM - Quarterly		completed
7/21/2017	5182	MH 20488	65 B st caller reported noisy manhole cover	Eric Dillon on site opened manhole cover installed rappo ring reinstalled cover	completed
7/25/2017	5185	Dig Safe Requests	Replace meter 65 beach ave	Marked Dig Safe	completed
7/25/2017	5186	Dig Safe Requests	5 X st gas repair	Marked Dig Safe	completed
7/27/2017	5187	22 - WW - sewers/pipes/force mains	D street pump station cwmera line	Camera lined about 100 feet deep, need better camera. Heavy unexpected infiltration coming out of pipe at low tide made work difficult.	completed
7/27/2017	5189	Dig Safe Requests	36 samoset ave hull gas repair	Marked Dig Safe	completed
7/27/2017	5189	Dig Safe Requests	36 samoset ave hull gas repair	Marked Dig Safe	completed
7/31/2017	4887	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
7/31/2017	4893	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
7/31/2017	4901	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
7/31/2017	4907	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
7/31/2017	4917	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
7/31/2017	4920	PS A Pump 1	PS A Pump 1 PM - Quarterly		completed
7/31/2017	4921	PS A Pump 2	PS A Pump 2 PM - Quarterly		completed
7/31/2017	4926	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
7/31/2017	5344	20 - WW - Collections - General	76 Atlantic Ave sewer inspection and camera work	BB and Eric assist John S. With contractor support at 76 Atlantic. Avon septic found a low point upstream of MH on property. W&C TV'd up to issue then went to the upstream MH on summit Ave to camera downstream.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
7/31/2017	5193	PS 6 Pump 1	Deragg pump due to low flow	Eric Rick Jacyen Dillon at location LOTO PERFORMED shut suction and discharge valves removed debris installed inspection port opened valves turned pump on now pumping 646gpm	completed
7/31/2017	5194	MH 20153	9 glover rd manhole	Wrapp-o ring put on manhole at 9 goover ave	completed
7/31/2017	5195	Dig Safe Requests	All of V st new gas line in street	Marked Dig Safe	completed
7/31/2017	5195	Dig Safe Requests	All of V st new gas line in street	Marked Dig Safe	completed
7/31/2017	5197	Dig Safe Requests	62 Westminster gas repair	Marked Dig Safe	completed
7/31/2017	5197	Dig Safe Requests	62 Westminster gas repair	Marked Dig Safe	completed
8/1/2017	5200	Dig Safe Requests	76 Atlantic ave installing new sewer and water line	Marked Dig Safe	completed
8/1/2017	5200	Dig Safe Requests	76 Atlantic ave installing new sewer and water line	Marked Dig Safe	completed
8/1/2017	5196	PS 4 Pump 2	Inspection of pump due to low flow	Eric Rick at location running pump to ensure pump is operating correctly	completed
8/1/2017	5199	Dig Safe Requests	46 prospect ave repair driveway	Marked Dig Safe	completed
8/1/2017	5199	Dig Safe Requests	46 prospect ave repair driveway	Marked Dig Safe	completed
8/1/2017	5198	22 - WW - sewers/pipes/force mains	Dye test MH 20863 to MH 20856	Eric Bill John S dye tested MH 20863 Ralph crossing circle to MH 20856 Rockland circle to see if dye went into MH behind Saparitos which it did not there is a separate line which runs near MH behind Saparitos	completed
8/1/2017	5201	Dig Safe Requests	1thru 12 summit ave new gas line	Marked Dig Safe	completed
8/1/2017	5201	Dig Safe Requests	1thru 12 summit ave new gas line	Marked Dig Safe	completed
8/2/2017	5202	Dig Safe Requests	218 N Truro	Marked Dig Safe	completed
8/2/2017	5202	Dig Safe Requests	218 N Truro	Marked Dig Safe	completed
8/2/2017	5203	Dig Safe Requests	Gas repair 17&19 Andrew road	Marked Dig Safe	completed
8/2/2017	5203	Dig Safe Requests	Gas repair 17&19 Andrew road	Marked Dig Safe	completed
8/2/2017	5204	Dig Safe Requests	451 nantasket ave gas repair	Marked Dig Safe	completed
8/2/2017	5204	Dig Safe Requests	451 nantasket ave gas repair	Marked Dig Safe	completed
8/2/2017	5205	Dig Safe Requests	Gas repair 1 Harvey pl	Marked Dig Safe	completed
8/2/2017	5205	Dig Safe Requests	Gas repair 1 Harvey pl	Marked Dig Safe	completed
8/2/2017	5206	MH 20552	Noisy manhole cover	Eric Dr Dillon at location opened manhole installed rappo ring reinstalled cover	completed
8/2/2017	5207	Dig Safe Requests	25 D st gas repair	Marked Dig Safe	completed
8/2/2017	5207	Dig Safe Requests	25 D st gas repair	Marked Dig Safe	completed
8/2/2017	5208	Dig Safe Requests	30 Andrew ave gas leak	Marked Dig Safe	completed
8/2/2017	5208	Dig Safe Requests	30 Andrew ave gas leak	Marked Dig Safe	completed
8/2/2017	5329	PS D Pump 2	Check floats	Check floats, question if working correctly. Found during issue, reconnect wires correctly. Assisted by AV. Test ok.	completed
8/3/2017	5330	Dig Safe Requests	6 houses between willow and highland along main st	Marked Dig Safe	completed
8/3/2017	5330	Dig Safe Requests	6 houses between willow and highland along main st	Marked Dig Safe	completed
8/3/2017	5332	Dig Safe Requests	879 nan ave gas leak repair	Marked Dig Safe	completed
8/3/2017	5332	Dig Safe Requests	879 nan ave gas leak repair	Marked Dig Safe	completed
8/3/2017	5333	Dig Safe Requests	47 O st. Front porch footings	Marked Dig Safe	completed
8/3/2017	5333	Dig Safe Requests	47 O st. Front porch footings	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/3/2017	5334	Dig Safe Requests	28a school st. New fence	Marked Dig Safe	completed
8/3/2017	5334	Dig Safe Requests	28a school st. New fence	Marked Dig Safe	completed
8/3/2017	5336	Dig Safe Requests	30 Malta. New riser	Marked Dig Safe	completed
8/3/2017	5336	Dig Safe Requests	30 Malta. New riser	Marked Dig Safe	completed
8/3/2017	5337	Dig Safe Requests	36 manomet. New riser	Marked Dig Safe	completed
8/3/2017	5337	Dig Safe Requests	36 manomet. New riser	Marked Dig Safe	completed
8/3/2017	5338	Dig Safe Requests	21 B. New riser	Marked Dig Safe	completed
8/3/2017	5338	Dig Safe Requests	21 B. New riser	Marked Dig Safe	completed
8/3/2017	5339	Dig Safe Requests	1150 nan ave. Walkway and plantings	Marked Dig Safe	completed
8/3/2017	5339	Dig Safe Requests	1150 nan ave. Walkway and plantings	Marked Dig Safe	completed
8/4/2017	5340	20 - WW - Collections - General	Pressure wash station 6 exterior	Clean before paint	completed
8/4/2017	5341	20 - WW - Collections - General	Reinstall flowmeter sensors station 3	Needs reconfiguration programming	completed
8/4/2017	5343	Dig Safe Requests	231 beach ave. Fence post	Marked Dig Safe	completed
8/4/2017	5343	Dig Safe Requests	231 beach ave. Fence post	Marked Dig Safe	completed
8/5/2017	5346	20 - WW - Collections - General	Gas work hit unknown pipe on main Street at the bottom of western ave BB in to investigate with Eric 8/10" clay and corrugated metal	BB looked at break checked drawings appears to be old storm drain. BB ES used camera to confirm. 8" clay Pipe was crushed and abandoned both upstream and downstream. Also so a material change to corrugated metal confirmation of old storm. Advised Riley brothers no repairs needed as inactive storm drain.photos taken on camera.	completed
8/7/2017	5353	Dig Safe Requests	21 spring valley rd. Replace fire hydrant	Marked Dig Safe	completed
8/7/2017	5353	Dig Safe Requests	21 spring valley rd. Replace fire hydrant	Marked Dig Safe	completed
8/7/2017	5352	MH 20937	Noisy manhole cover	Installed rappo ring at MH 20937 in front of police station due to noisy cover	completed
8/7/2017	5354	PS 6 Pump 1	Deragg pump due to low flow	Eric Rick Dillon at station 6 LOTO PERFORMED shut suction and discharge valves removed debris pump reinstalled inspection port opened valves turned pump on now pumping 642 gpm	completed
8/7/2017	5355	20 - WW - Collections - General	Documentation of lateral services at 77 & 79 Main St	Eric Dillon documented lateral services at 77 & 79 main street to pics & measurements on paper gave to John S so he could make Tie cards for these property	completed
8/7/2017	5356	20 - WW - Collections - General	Documentation of lateral services at 77 & 79 Main St	Eric Dillon documented lateral services at 77 & 79 main street to pics & measurements on paper gave to John S so he could make Tie cards for these property	completed
8/7/2017	5357	22 - WW - sewers/pipes/force mains	Created tie card for 77 Main st	Eric created tie card for 77 main st based on open trench visually observing pipe & measurements taken off various landmarks	completed
8/7/2017	5358	22 - WW - sewers/pipes/force mains	Created tie card for 77 Main st	Eric created tie card for 77 main st based on open trench visually observing pipe & measurements taken off various landmarks	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/8/2017	5359	22 - WW - sewers/pipes/force mains	77 Main st tie card	Eric created tie card for 77 main st lateral based open trench visually observing pipe & measurements taken off various landmarks	completed
8/8/2017	5360	PS A Building	Pumped dry well	Oberseved water in dry well about 2" pumped into wetwell	completed
8/8/2017	5361	22 - WW - sewers/pipes/force mains	Dye test MH 20286 to MH 20312 Holbrook Ave	Eric ,Jasin,John S on Holbrook Ave opened 2 manholes dye tested segment for documentational purposes	completed
8/9/2017	5362	22 - WW - sewers/pipes/force mains	Riley bro broke another line on main st & highland	Eric Dillon John S on site cameraed broken line north and south found to be abandoned old line also opened MH 20022 &20024 Dye tested 110 Highland ave(church) saw dye in MH 20022 on main st	completed
8/9/2017	5331	PS D Pump 1	Pump operating spuraticl due to float issue		completed
8/9/2017	5378	PS 6 Building	Door handle broken free no access to building		completed
8/9/2017	5363	Dig Safe Requests	29 samoset. Emergency gas leak repair	Marked Dig Safe	completed
8/9/2017	5363	Dig Safe Requests	29 samoset. Emergency gas leak repair	Marked Dig Safe	completed
8/9/2017	5365	PS 3 Flow Meter	Reprogram for new 8 inch pipe	Ray Garland from True North Systems set up and reprogram. Jacen K assist.	completed
8/10/2017	5368	22 - WW - sewers/pipes/force mains	Open 9 manholes for Nantasket survey work Road project	Eric Dillon on site with Nantasket survey & engineering, opened 9 manholes from Water st to Anastos corner requested by John Struzziey	completed
8/10/2017	5369	22 - WW - sewers/pipes/force mains	Camera line at 110 Highland ave to locate service connection and create TIE CARD	Eric Cody Cameraed MH 20024 to MH 20022 Highland ave. At 37' from MH 20024 operators locate service to 110 Highland ave, took measurements & depths at various landmarks,then created tie card. See pics	completed
8/10/2017	5370	PS 9 Building	Lower lighting replaced	Lower level pump room lighting replaced due to corroded fixtures and conduit by Pioneer Electric (assisted by Dylan I.) New fixtures and PVC conduit. Pull out temp lights.	completed
8/11/2017	5373	22 - WW - sewers/pipes/force mains	Replaced cover on Y connection at 24 western ave	Eric Dillon opened cover manipulated old cover off. Applied never seize around thread installed new cover	completed
8/12/2017	5375	PS 1 Generator	340pm station 1generator run	Arrived at location, called Hull light to check line power, line power good, then checked cabinet operator discovered there was no load on the "A" phase advised to call our device tech. Called Aram he notified Highland Power. See 2nd W/O for more details	completed
8/14/2017	5382	Dig Safe Requests	1 Elm ave retraining wall excavation	Marked Dig Safe	completed
8/14/2017	5380	22 - WW - sewers/pipes/force mains	81 Lynn dye test new service from house to MH	Eric John on site opened manhole poured dye in toilet waited for dye to reach manhole, connection was complete John signed off on inspection	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/15/2017	5384	22 - WW - sewers/pipes/force mains	Removed precast riser section from interceptor MH S-1 from record plan, behind influent sampler. This is for Godwin pump bypass prep.	Jim / Jody chisled out hydraulic cement around riser. DPW brought front loader to plant to pick up top and riser. Then reinstalled top section at grade on mid section. Reapply hydraulic cement.	completed
8/15/2017	4425	MH 20083	Install velocity meter	velocity meter has been taken out for the near future	completed
8/15/2017	4484	PS A Sump Pump	Pump seems to be semi clogged pumping dry well into wetwell	rick eric on site flushed pump now flowing freely	completed
8/15/2017	4417	Grinder Pump 30 POND STREET	Grinder alarm		completed
8/15/2017	4432	20 - WW - Collections - General	John Anas 14 glover ave several backups since September	Eric, Jodi, bill, John struzery, Hub construction on site cameraed cleanout from inside house to gravity line in street located broken pipe 2ft off property Hub construction excavated area fixed pipe now line flowing freely	completed
8/15/2017	4694	22 - WW - sewers/pipes/force mains	Documenting manholes and flow towards station three		completed
8/15/2017	4710	PS 6 Building	Eric Jodi at station 6 more restoration work	eric jodi stripped siding off at staion 6 reinstalled new siding and trim	completed
8/15/2017	4963	MH 20045	CCTV Lateral and locate at 83 Main st with Ted Berry	eric Ted Berry CCTV gravity line and at 83 Main st lateral line this has been a on going project dye tested Hub construction dug serval areas seems like issue has fixed itself because home owner has not called for any back up issues	completed
8/17/2017	5390	Dig Safe Requests	2 emergency Digsafes, 75 & 73 E -street	Marked Dig Safe	completed
8/17/2017	5389	Dig Safe Requests	Mark out Atlantic Ave from Stony beach to gunrock exit	Marked Dig Safe using CCTV reports no to limited tie cards	completed
8/17/2017	5389	Dig Safe Requests	Mark out Atlantic Ave from Stony beach to gunrock exit	Marked Dig Safe	completed
8/17/2017	5393	Dig Safe Requests	Emergency Mark out, 73 E street Hull, water main break	Marked Dig Safe	completed
8/17/2017	5390	Dig Safe Requests	2 emergency Digsafes, 75 & 73 E -street	Marked Dig Safe	completed
8/18/2017	5394	Dig Safe Requests	149 kenberma paving driveway	Marked Dig Safe	completed
8/18/2017	5394	Dig Safe Requests	149 kenberma paving driveway	Marked Dig Safe	completed
8/18/2017	5395	Dig Safe Requests	125 MANOMET gas repair	Marked Dig Safe	completed
8/18/2017	5395	Dig Safe Requests	125 MANOMET gas repair	Marked Dig Safe	completed
8/21/2017	5377	PS 1 Transfer Switch	Transfer switch not returning to normal power due "A" power failure because B1 under voltage phase relay is defective		completed
8/21/2017	5376	PS 1 Transfer Switch	Transfer switch not returning to normal power due "A" power failure because B1 under voltage phase relay is defective	Highland Power on site discovered issue, for now jumped "B1"under voltage phase relay and switch transferred back to normal power operator is ordering parts Aram notified	completed
8/22/2017	5410	Dig Safe Requests	112 edgwater mark out	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/22/2017	5399	Dig Safe Requests	Emgc digsafes request 112 Edgewater road. Gas meter installation.	No action needed since work was completed Jh BBC	completed
8/22/2017	5400	Dig Safe Requests	77 F street	Marked Dig Safe	completed
8/22/2017	5409	Dig Safe Requests	Emergency mark out @ 77 F street	Marked Dig Safe	completed
8/23/2017	5402	23 - WW Pump Stations	Install pigeon guard	To stop pigeons living in roof	completed
8/23/2017	5089	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5090	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5095	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5100	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5101	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5102	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5107	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5112	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5113	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5114	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5119	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5120	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5125	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly	Bulk update due to back log, however work completed	completed
8/23/2017	5091	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5096	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5103	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5108	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5115	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5121	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/23/2017	5092	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5097	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5104	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5109	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5116	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5122	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5093	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5098	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5105	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5110	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5117	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5123	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5094	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5099	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5106	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5111	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5118	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5124	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	Bulk update due to back log, however work completed	completed
8/23/2017	5403	23 - WW Pump Stations	Install pigeon guard station 9	Stop pigeons living in roof	completed
8/23/2017	5405	Dig Safe Requests	238 nantasket rd mark out	Marked Dig Safe	completed
8/23/2017	5407	Dig Safe Requests	Markout 14, 12, 10, & 6 L street	Marked Dig Safe	completed
8/23/2017	5406	Dig Safe Requests	81 & 77 central mark out	Marked Dig Safe	completed
8/23/2017	5404	Dig Safe Requests	Markout at 30 Andrew ave	Marked Dig Safe	completed
8/24/2017	5408	PS 3 Building	Set up of temp. bioxide tank next to building.	Set tank up adjacent to bldg. JS and RC. Spread sand base, grade, lay down fabric, and set tank with DOW. Aug 23 and 24 work.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/24/2017	5411	Dig Safe Requests	Mark out 351 & 353 Beach ave , w street...	Marked Dig Safe	completed
8/25/2017	5413	23 - WW Pump Stations	Pump st 5	Aerator, transducer, wetwell, trash on ground cleaned.	completed
8/25/2017	5414	23 - WW Pump Stations	Pump st 4 Cleaning	cleaned aerator, transducer, wetwell pigeon poo	completed
8/25/2017	5415	23 - WW Pump Stations	Pump st 9 wet well.	Cleaned wetwell, transducer, aerator, pigeon poo. Wind river assistance	completed
8/25/2017	5416	23 - WW Pump Stations	Pump station A cleanout	Cleaned transducer, aerator.	completed
8/29/2017	5419	23 - WW Pump Stations	Replace rake board piece station 6	Completed	completed
8/29/2017	5082	PS 1	PS #1 Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5083	PS 3	PS #3 Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5084	PS 4	PS #4 Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5085	PS 5	PS #5 Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5086	PS 6	PS #6 Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5087	PS 9	PS #9 Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5088	PS A	PS #A Inspection - Monthly	Wind River, Matt, Jacen & Jim cleaned all PS wet wells & Transducers. Bulk WO close out, jg	completed
8/29/2017	5420	22 - WW - sewers/pipes/force mains	Opened 5 manholes for zoom camera and data logging	Es,bb,pl,jg,js, at mhs 20424,20774,20803,20811,20795 to reinstall data loggers and camera demo	completed
8/30/2017	5421	PS 5 Pump 1	Pump #1 airbound had to bleed off	Rick assisted by BB had to clear ball valve opening on pump #1 volute to bleed off airbound pump. Used wire and drill to decrud ball valve.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
8/30/2017	5422	22 - WW - sewers/pipes/force mains	Replace monthly bacteria bottles	Jodi, Jim, installed 9 bottles from 830 to 1130 am then Jim Eric installed 6 from 115 to 230 pm still have 6 out of 24 to install	completed
8/31/2017	5425	MH 20001	Locate service connection by camera line and dye test toilet in building	ERIC Bill dye tested boat house at the GUT to identify service connection	completed
9/1/2017	5441	Dig Safe Requests	26 dig safes Samoset Ave #70 to 128	Marked Dig Safe	completed
9/1/2017	5441	Dig Safe Requests	26 dig safes Samoset Ave #70 to 128	Marked Dig Safe	completed
9/3/2017	5432	PS #1 GridBee Aerator	change filter	ERIC changed grid bee filter	completed
9/3/2017	5433	PS A GridBee Aerator Compressor	Change filter on grid bee	Change filter on grid bee	completed
9/3/2017	5434	PS 4 GridBee Compressor	Change filter on grid bee	Change filter on grid bee	completed
9/3/2017	5435	PS 5 Aeration Blower	Cleaned grid bee filter	Was going to change filter different kind so cleaned, see 2 pics	completed
9/3/2017	5436	PS 6 Gridbee Aerator Compressor	Change filter on grid bee	Change filter on grid bee	completed
9/3/2017	5437	PS 9 GridBee Aerator Compressor	Change filter on grid bee	Change filter on grid bee	completed
9/6/2017	5440	22 - WW - sewers/pipes/force mains	Open 3 manholes at water st to evaluate data logging	Eric, Todd opened MH 20803(hotel parking lot),MH 20811 (Nan Ave & Water St) MH 20796 Bay St, took sulfide readings, & download of dat logger, then installed new data logger on bay st.	completed
9/7/2017	5294	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly		completed
9/7/2017	5257	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly		completed
9/7/2017	5250	PS 1	PS #1 Inspection - Monthly		completed
9/7/2017	5258	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
9/7/2017	5266	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly		completed
9/7/2017	5251	PS 3	PS #3 Inspection - Monthly		completed
9/7/2017	5262	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
9/7/2017	5252	PS 4	PS #4 Inspection - Monthly		completed
9/7/2017	5268	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
9/7/2017	5267	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly		completed
9/7/2017	5272	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
9/7/2017	5276	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
9/7/2017	5277	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly		completed
9/7/2017	5278	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
9/7/2017	5282	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly		completed
9/7/2017	5283	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
9/7/2017	5253	PS 5	PS #5 Inspection - Monthly		completed
9/7/2017	5254	PS 6	PS #6 Inspection - Monthly		completed
9/7/2017	5255	PS 9	PS #9 Inspection - Monthly		completed
9/7/2017	5256	PS A	PS #A Inspection - Monthly		completed
9/12/2017	5578	37 - WW Odor Control	Dave wetling 781 248 4078 called odor complaint on beach	Eric went to location at allerton point on beach surveyed area saw black pungent odor coming from sand took 2 H2s readings at 2' high was .81 , at 6" from ground H2s was 2.7 took sand sample showed Bill B he said it could be aerobic bacteria breaking down the seaweed	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
9/13/2017	5580	22 - WW - sewers/pipes/force mains	Evoqua water technology on site for sampling & data logging of 4 manholes	Eric Ron sampled raw influent MH, MH 20803 (hotel park lot), MH 20811, (Nantasket & Water st force main), MH 20796 (Bay st station Station 4) for PH, SULFIDE, NITRATE, and data loggers, also checked station 3 Bioxide	completed
9/13/2017	5581	PS 4 Building	Loosened inside wall bolts to protection box to gas meter for national grid access	National grid working on street at station 4 ask if they could have access to gas meter, I had to loosen inside wall bolts to remove cover, national grid will reinstall box we will have to reattach bolts after work is performed	completed
9/13/2017	5582	20 - WW - Collections - General	Resident call about odors in basement of townhouse at 23 Oceanside drive	JG and BB met home owner part of association. Used Jerome H2S reader and did not detect any odors. Based on conversation with homeowner plumbing work on neighbor with common wall in town house may have been the case of water released in the wall and the basement floor that previously had wastewater odors. No town owned collection system issues found.	completed
9/14/2017	5259	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
9/14/2017	5263	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
9/14/2017	5269	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
9/14/2017	5273	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
9/14/2017	5279	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
9/14/2017	5284	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
9/14/2017	5584	Dig Safe Requests	20 dig safes on Warren st	Marked Dig Safe	completed
9/14/2017	5584	Dig Safe Requests	20 dig safes on Warren st	Marked Dig Safe	completed
9/14/2017	5585	Dig Safe Requests	311 beach ave emergency gas repair	Marked Dig Safe	completed
9/15/2017	5576	PS 6 Building	Exterior trim damaged during mowing		completed
9/18/2017	5586	23 - WW Pump Stations	Replaced pressure sensor with 10 psi sensor	Replace pressure sensor with 10 psi sensor at station 1	completed
9/18/2017	5587	23 - WW Pump Stations	Replace pressure sensor at station 3 with 10 psi sensor	Completed	completed
9/18/2017	5588	23 - WW Pump Stations	Replace pressure sensor at station a with 10 psi sensor	Completed	completed
9/18/2017	5589	23 - WW Pump Stations	Replace pressure sensor at station 9 with 10 psi sensor	Completed	completed
9/19/2017	5594	PS A Transfer Switch	Brought portable generator to station A for possible power loss	Eric Jodi brought generator to station A for possible power loss	completed
9/19/2017	5572	MH 20590	Replace 26" cover to silence MH 130 Kingsley Rd	replaced cover with new	completed
9/21/2017	5601	20 - WW - Collections - General	Brought 2 Manhole covers and rims to nantasket rd for replacement installation on newly paved road and brought back damaged rims and covers	Eric Jodi bill brought 2 rims and covers to contractor on nantasket rd for new installation	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
9/21/2017	5600	22 - WW - sewers/pipes/force mains	MH testing sulfide, nitrates, data logging	Eric Tod at MH 20797(Bay st),MH 20811(water st), MH 20803 (hotel lot) Influent MH (at plant) & station 3 for sulfide, nitrates & data loggers	completed
9/23/2017	5607	MH 20083	Manhole Inspected	Manhole clear, flow normal	completed
9/23/2017	5606	MH 20088	Manhole inspect, wind river jetting to MH 20083 and MH 20075	Jetted line, good flow both directions	completed
9/23/2017	5605	MH 20095	Inspect manhole, jetted line to MH 20088	Jetted line, flow looked good	completed
9/25/2017	5613	23 - WW Pump Stations	Replace trim board station 6 and paint	Completed	completed
9/26/2017	5381	MH 20937	Manhole cover dislodged from frame		completed
9/26/2017	5381	MH 20937	Manhole cover dislodged from frame	went back to location added rapping ring	completed
9/27/2017	5620	20 - WW - Collections - General	Work at Memorial middle School to identify blockage issues with their lime stone buffer tank	BB, David Wilson, Jim G, reviewed school plumbing drawings. Die tested and inspected lime stone tank. John S. Onsite. Identified a blocked line to lime stone tank inlet.	completed
9/27/2017	5621	20 - WW - Collections - General	26 veterans rd back-up	10:15am Eric Jim G checked 2 MHS. MH 20386 dead end, & MH 20391 street flowing freely, he is the first service on this line. Dye tested his house negative find. Advised homeowner to call plumber, he said this happens every couple of years	completed
10/1/2017	5731	23 - WW Pump Stations	12:00 pm station checks due to communication loss on scada	Eric checked stations due to communication loss on scada	completed
10/1/2017	5732	23 - WW Pump Stations	Station checks due to communication loss on scada	Eric checked stations due to communication loss on scada all station operational	completed
10/2/2017	5733	23 - WW Pump Stations	Check all stations due to Loss of coms	Checked operational functions of all stations running well.	completed
10/2/2017	5734	23 - WW Pump Stations	Checked station 6 due to communication loss on scada	Eric checked station due to communication loss on scada station operational	completed
10/3/2017	5735	23 - WW Pump Stations	Check PS 6 due continued loss of coms	All in good working order	completed
10/3/2017	5740	MH 20937	Cameraed MH 20937 lateral (change order?)	Eric, David after checking street John S, ask if we could camera lateral. 76.5 ft in line, there was a root ball that camera couldn't get by abandoned survey. Root ball was not the cause of back-up. John S was calling National water main to jet line and make sure they brought a root ball cutter.	completed
10/3/2017	5737	Dig Safe Requests	Emergency locate 1069 Nantasket	Marked Dig Safe	completed
10/3/2017	5738	22 - WW - sewers/pipes/force mains	IN-PIPE bacteria replace monthly bottles	Eric, Joe changed out 11 of 24 bottles of IN-PIPE bacteria, from Ocean ave (the village) to Prospect ave (strawberry hill)	completed
10/3/2017	5739	20 - WW - Collections - General	253 Atlantic ave (Town Hall) back-up issue	Eric, David at location checked manhole ,no flow discharging from building. John S, & plumber onsite, in crawl space under jail cell a broken pipe was leaking due to a broken pipe. Street was fine. See next W/O for more info	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
10/4/2017	5742	22 - WW - sewers/pipes/force mains	Equova in for testing 7 manholes	Eric, Ron checked MHs (raw influent, stations 9,6,5,3,4, completed Hotel parking lot for Sulfide, PH, temperature, Ammonia, and nitrate. Data loggers in raw influent , station 3 force main, and MH on Bay st. We found that Nitrate has made down to station 5 (Draper ave force main on nantasket ave	
10/4/2017	5625	Verizon pump station modem circuit	All circuits have comm.fail	Pump Station 6 phone jack connection in RTU pannel was bad and causing all the other remote stations to fail communications. Multiple days of coordination and testing with Verizon until a tech was sent out and found the bad connection. All stations backonline communications.	completed
10/4/2017	3852	Dig Safe Requests	V st/w street	Marked Dig Safe	completed
10/4/2017	5741	22 - WW - sewers/pipes/force mains	Replaced 6 IN-PIPE bacteria bottles	Eric, David replaced 6 bacteria bottles from Malta st to Berkley rd	completed
10/5/2017	5744	Dig Safe Requests	29 Roosevelt ave replace water line	Marked Dig Safe	completed
10/5/2017	5744	Dig Safe Requests	29 Roosevelt ave replace water line	Marked Dig Safe	completed
10/5/2017	5745	22 - WW - sewers/pipes/force mains	IN -PIPE bacteria monthly install	Eric David replaced 7 bacteria bottles from Summit ave to station 3. All 24 IN-PIPE bottles has been installed for the month of October. Also (2) Coolers of bottles have been taped up return labels put ON ready to be shipped	completed
10/6/2017	5746	PS 6 Generator	Added 50/50 antifreeze to generator	Removed radiator cap filled to proper level	completed
10/10/2017	5750	PS 9 Generator	Load test generator	Eric turned bypass switch for generator, operation normal	completed
10/10/2017	5487	PS 1 Generator	PS #1 Generator Inspection and Load Test - Monthly		completed
10/10/2017	5489	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
10/10/2017	5751	PS 3 Generator	Generator not staying on after load test run	Turned switch to test, power to station didn't fail (lights didn't flicker) Generator came on for 15 seconds then turned off repeated process 2 more times same result	completed
10/10/2017	5501	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	Ran load test operation normal	completed
10/10/2017	5512	PS 5 Generator	PS #5 Generator Inspection and Load Test - Monthly	Load test generator operating normal	completed
10/10/2017	5517	PS 9 Generator	PS #9 Generator Inspection and Load Test - Monthly	Load test generator operating normal	completed
10/10/2017	5526	PS 6 Generator	PS #5 Generator Inspection and Load Test - Monthly	Load test generator operating normal	completed
10/10/2017	5753	20 - WW - Collections - General	11 Berkley rd homeowner experiencing back-up issue	2:00 pm Eric, Joe opened 2MHs on Berkley MHs (20877, 20878) & 2MHs on Atherton (20888, 20887) 11 Berkley line runs to Atherton then returns back to Berkley then Park Ave thru a 12" line all Mhs have heavy debris not appealing back-up. Spoke to homeowner advised to call a plumber, he will reach out to Carroll for a list	completed
10/11/2017	5498	PS 3 Generator	PS #3 Generator Inspection and Load Test - Monthly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
10/11/2017	5764	22 - WW - sewers/pipes/force mains	Checked Mhs on Lafayette & Crest rd for documentation for John S	Eric Bill inspected MH for documentation see picture this manhole is unmapped in front of # 12 Crest rd. Used GIS gold to map MH.	completed
10/11/2017	5763	22 - WW - sewers/pipes/force mains	Check Mhs on Lafayette & Crest rd for documentation for John S	Eric Bill inspected MH for documentation see picture this manhole is unmapped in front of #18 Lafayette, used GIS gold to map MH	completed
10/11/2017	5762	MH 20047	Check 3 Mhs on Lafayette & Crest rd for documentation for John S	Eric, Bill inspected MH for documentation see picture	completed
10/12/2017	5770	22 - WW - sewers/pipes/force mains	29 Main st, new service lateral, assist Hub Const, DPW jet line & camera	Eric Jim arrived, DPW jetted line, got stuck in main. Eric ,Jim opened MH 20065 lassood jetter head and pulled to street level, removed head freed jetter line back thru lateral. Camered line observed light root balls had DPW run jetter down line roots removed. See following W/O for second trip	completed
10/12/2017	5772	MH 20811	Equova on site for MH analysis	Eric Todd opened MH retrieved data logger and took sample for analysis documentation	completed
10/12/2017	5773	MH 20796	Equova on site for sampling analysis	Eric Todd opened MH retrieved data logger and took sample for analysis documentation	completed
10/12/2017	5774	MH 20580	Equova on site for sampling analysis documentation	Eric Todd opened MH for sampling analysis documentation	completed
10/12/2017	5775	MH 20444	Equova on site for sampling analysis documentation	Eric Todd opened MH sampling for analysis documentation	completed
10/12/2017	5776	MH 20332	Equova on site for sampling analysis documentation	Eric Todd opened MH sampling for analysis documentation	completed
10/12/2017	5777	MH 20221	Eric Todd opened MH sampling for analysis documentation	Eric Todd opened MH sampling for analysis documentation then at 2:00 pm after meeting with Frank returned to MH installed data logger	completed
10/12/2017	5778	MH 20124	Equova on site for sampling analysis documentation	Eric Todd opened MH sampling for analysis documentation then at 2:10pm returned to MH installed data logger.	completed
10/12/2017	5779	MH 20114	Equova on site for sampling analysis documentation	Eric Todd opened MH sampling for analysis documentation then at 2:15pm returned to MH installed data logger	completed
10/12/2017	5771	22 - WW - sewers/pipes/force mains	29 Main st, Inspection & completion of lateral for documentation	Hub const called for inspection before back filled trench. Eric arrived took picture of completed work. Took measurements to create tie card for documentation	completed
10/14/2017	5780	20 - WW - Collections - General	Exposed pipe (Riley Brothers)	Called out to Beacon Rd. #38 approx. To inspect exposed pipe with a hole in it. Appeared to be abandoned sewer. Clay Pipe was dry, advised contractor to plug hole and mark the street.	completed
10/16/2017	5486	PS A	PS #A Inspection - Monthly		completed
10/16/2017	5480	PS 1	PS #1 Inspection - Monthly		completed
10/16/2017	5481	PS 3	PS #3 Inspection - Monthly		completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
10/16/2017	5497	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
10/16/2017	5497	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
10/16/2017	5482	PS 4	PS #4 Inspection - Monthly		completed
10/16/2017	5505	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
10/16/2017	5483	PS 5	PS #5 Inspection - Monthly		completed
10/16/2017	5511	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
10/16/2017	5484	PS 6	PS #6 Inspection - Monthly	Dry well high level alarms inoperable.	completed
10/16/2017	5485	PS 9	PS #9 Inspection - Monthly		completed
10/16/2017	5530	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
10/16/2017	5521	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
10/17/2017	5491	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
10/17/2017	5491	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
10/17/2017	3826	Dig Safe Requests	26 c street	Marked Dig Safe	completed
10/17/2017	5783	20 - WW - Collections - General	135 Atlantic ave back up issue	230 pm Eric David opened MH 20970 checked street flowing freely. Spoke to homeowner advised to call a plumber	completed
10/18/2017	5790	PS 9 Wet Well	Evoqua on site for sampling analysis documentation	Eric David Todd opened MH sampling for analysis documentation	completed
10/18/2017	5788	MH 20117	Evoqua on site for sampling analysis documentation	Eric David Todd opened MH sampling for analysis documentation then retrieved data logger	completed
10/18/2017	5786	MH 20221	Evoqua on site for sampling analysis documentation	Eric David Todd opened MH sampling for analysis documentation and retrieved data logger	completed
10/18/2017	5787	MH 20224	Eric David Todd opened MH sampling for analysis documentation then retrieved data logger	Eric David Todd opened MH sampling for analysis documentation then retrieved data logger	completed
10/18/2017	5785	MH 20796	Evoqua on site for sampling analysis documentation	Eric David Todd opened MH sampling for analysis documentation	completed
10/18/2017	5784	PS 4 Wet Well	Evoqua on site for sampling analysis documentation	Eric David Todd opened MH sampling for analysis documentation	completed
10/18/2017	3782	Dig Safe Requests	711 nantasket ave	Marked Dig Safe	completed
10/19/2017	5794	20 - WW - Collections - General	Sewer break at 25 Tierney ave	Riley Brothers doing gas work hit sewer lateral. Exposed 5" Clay line and found additional cracks and old repairs failing. W&C supplied 7 feet of 6" PVC and two ferncos all taken from DPW supplies. Riley replaced broken section. BB and Eric assisted supplies.	completed
10/20/2017	5796	22 - WW - sewers/pipes/force mains	Hub construction install of new service at 587 nantasket ave	Eric took picture of new service lateral install before Hub back fills trench. Hub construction creating tie card for town	completed
10/20/2017	5795	PS 5 Generator	Highland Power checking lights on generator	Eric Mark from Highland Power at station 5 trouble shooting lights on panel indercator seems to be fine	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
10/23/2017	5801	22 - WW - sewers/pipes/force mains	83 Main st request from John Struzziey camera lateral 2 ways, 1 to the street, 2 to the house. 3.5 hrs three W/C men	Hub construction located lateral opened pipe so we could camera and dye test line. Eric, Dave,Bill, on site. Camered 29` to the main(line good condition). Then camered towards house 74` in solid clog . Abandoned survey. Dyed line toward street to main line, opened downstream MH observed dye. Hub then installed double Y clean out	completed
10/23/2017	5802	Dig Safe Requests	All of Seaview Ave 1thru15 new gas line installation	Marked Dig Safe	completed
10/23/2017	5802	Dig Safe Requests	All of Seaview Ave 1thru15 new gas line installation	Marked Dig Safe	completed
10/24/2017	5806	PS 6 Generator	Generator hot to touch due to block heater thermostat	During station checks observed generator was warm entering room, further investigation block heater was plugged in, also felt valve cover, cover and block heater hot to touch. I unplugged block heater	completed
10/24/2017	5805	Dig Safe Requests	20 Rockland house rd	Marked Dig Safe	completed
10/25/2017	5810	PS 6 Generator	Replace block heater due to not operating correctly	Jodi Eric replaced block heater due to not operating correctly	completed
10/25/2017	5808	PS D - DPW Stormwater Pump Station	Streets flooding due to heavy rain at G, Central ave, & F st corner put pump 2 in hand	Due to heavy rain observed G, Central ave & corner of F st flooding went to D st pump station pur pump 2 in hand within 10 min Central ave & F st cleared. 20 min later G st normal. Turned both pumps back to auto position	completed
10/25/2017	5809	PS D Pump 2	Jodi Eric lowered pump 2 float	Jodi Eric lowered pump 2 float about a foot to engage pump to operate during rain events	completed
10/26/2017	5818	22 - WW - sewers/pipes/force mains	25 Piont Allerton picture documentation of lateral sewer service being capped for construction of new home. For John Struzziey	Eric Jim on site, Joe Divito capped sewer lateral for demolition of existing home and construction of new home	completed
10/27/2017	5825	20 - WW - Collections - General	Inspected new replacement later at 10 Cadish ave	Hub installed new service lateral and cleanout. BB inspected piping and connection.	completed
10/27/2017	5824	20 - WW - Collections - General	Inspected new lateral install at 712 Nantasket Ave.	Joe Loria installed new house service onto F street with double wye cleanout.	completed
10/31/2017	5829	PS 3 Pump 2	Inspected pump 2 due to low flow.	Eric, Jody and I locked out pump and verified no power. Separated pump assembly and cleaned debris out of impeller. Reassembled and verified proper operation. Pump output at 900gpm.	completed
10/31/2017	5830	PS 3 By-pass Stand pipe	Ran bypass Thompson trash pump due to working on pump 2	Eric opened force main valve, primed pump, operated pump during work performed on pump 2. Closed force main valve, opened drain valve drained pump	completed
10/31/2017	5828	PS 5 Wet Well	Transducer error	Glynn Electric replaced transducer.	completed
10/31/2017	5781	PS 5 Wet Well	Wet well needs to be cleaned.	Cleaned by Wind River	completed
10/31/2017	5831	Dig Safe Requests	16 Andrew ave new gas service	Marked Dig Safe	completed
10/31/2017	5831	Dig Safe Requests	16 Andrew ave new gas service	Marked Dig Safe	completed
10/31/2017	5832	Dig Safe Requests	26 ANDREW new gas service	Marked Dig Safe	completed
10/31/2017	5832	Dig Safe Requests	26 ANDREW new gas service	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
10/31/2017	5835	22 - WW - sewers/pipes/force mains	35 & 48 Andrew Ave tie cards created request by John Struzziey	Eric Dave on Andrew Ave for 2 dig safes & 2 Tie cards were created by taking calculations off landmarks on street and house	completed
11/1/2017	5963	23 - WW Pump Stations	Install new coupling hub station 3	Completed	completed
11/1/2017	5952	Grinder Pump 204 NO. TRURO ST.	Grinder in alarm	Eric Dave on site LOTO performed, replaced grinder pump	completed
11/2/2017	5955	Dig Safe Requests	147 Beach ave emergency gas repair	Marked Dig Safe	completed
11/2/2017	5958	MH 20957	Check MH for lateral connection & H2s due to odor complaint	Eric Dave opened MH check for lateral connection and H2s zero reading on jerome at area	completed
11/2/2017	5966	23 - WW Pump Stations	Install new seal station 3 pump 2	Completed	completed
11/2/2017	5959	MH 20953	Check MH for lateral connection and H2s zero reading on jerome at area	Eric Dave opened MH check for lateral connection and H2s zero reading on jerome	completed
11/2/2017	5960	MH 20950	Check MH for lateral connection and H2s zero reading on jerome at area	Eric Dave opened MH check for lateral connection and H2s zero reading on jerome at area	completed
11/3/2017	5969	Grinder Pump 15 ALSADA ROAD	Grinder in & out of alarm	Eric Jodi on site opened grinder it was dry, ran pump at box pump is operational, could have been overwhelmed for a short period of time. Spoke to homeowner told her pump was operational, if she had any issues to call my cell phone and we would change it out	completed
11/6/2017	5986	MH 20488	Noisy manhole cover 65 b st	Eric David opened manhole replaced rappo ring reinstalled cover. Caller Deb Haggerty 781-925-9284	completed
11/6/2017	5374	22 - WW - sewers/pipes/force mains	Damaged structure of rim in from of 90 main st	Hub construction on site jack hammered 2ft around manhole secured earth around MH used cold tar in area	completed
11/6/2017	5615	22 - WW - sewers/pipes/force mains	MH 20045B- 90 main st	eric Dave Bill Hub construction on site cameraed ,dye tested, found issue 73 ft up lateral, John struzziery spoke to homeowner of findings	completed
11/6/2017	5614	20 - WW - Collections - General	83 main st back up issue (repeat)	issue has been solved eric Dave Bill hub construction John struzziery on site there is a issue 73 ft in lateral on homeowners property John Sruzziery spoke to homeowner	completed
11/7/2017	5990	PS D - DPW Stormwater Pump Station	Retrieve 4" trash pump 4A & bring back to plant	Eric dismantled hoses from pump attached to truck brought pump back to plant	completed
11/7/2017	5992	20 - WW - Collections - General	Retrieved portable generator from station A, & 6" trash pump from station 3	Eric Dave retrieved generator from station A & 6" trash pump from station 3 brought back to plant checked oil tire pressure put in connex box	completed
11/7/2017	5993	Dig Safe Requests	66 B st replace gas riser	Marked Dig Safe	completed
11/8/2017	5998	20 - WW - Collections - General	135 Bay st odor complaint	Eric John S on site spoke to tenant advised her we would inspect area manholes and John would get back to her.	completed
11/10/2017	6015	Grinder Pump 30 ALSADA ROAD	Windriver on-site to pump out heavy great debris out of tank	Eric, Matt (WR) LOTO performed, opened tank removed pump, vactured heavy caked debris 3/4 full reinstalled pump now operational	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
11/10/2017	6018	MH 20886	Windriver in for jet and vactor lines on Atherton Berkley to Park ave	Eric Matt opened MH 20866 jetted to MH 20888 to MH 20887, Vactured lines of heavy debris	completed
11/10/2017	6020	MH 20878	Windriver in for jet and vactor lines on Atherton Berkley to Park ave	Eric Matt opened Berkley rd MH 20878 cross-country jetted to MH 20888 Atherton rd and vactured heavy debris	completed
11/11/2017	6016	MH 20796	Clean & vactor MH 20796 to MH 20800 to MH 20804	Eric Matt, (WR) on site opened manholes jetted vactured lines cleared debris line flowing freely	completed
11/11/2017	6009	Grinder Pump 30 ALSADA ROAD	Grinder in alarm	11/8 Eric Jodi replaced grinder pump LOTO performed, used puddle pump to extract liquid into a tote. Lifted damaged pump, observed heavy chunks of grease, knew grinder Can should be pumped out, but put new pump in and hoped for the best until grinder Can could be pumped. Pump was operational when we left. On Thursday 11/9 pump went back in alarm see next W/O	completed
11/11/2017	6019	MH 20888	Windriver in for jet and vactor lines on Atherton Berkley to Park ave	Eric Matt(WR) opened MH vactured pipe this is the start of the crossover heavy debris	completed
11/11/2017	6017	MH 20886	Windriver in for jet and vactor lines on Atherton Berkley to Park ave	Eric, Matt(WR) opened MH 20886 jetted and cleaned to MH 20889 heavy debris	completed
11/11/2017	6010	Grinder Pump 30 ALSADA ROAD	Re call on grinder pump from 10/8	10/9 Eric Joe on site opened grinder Can went to box checked bypass pump not coming On called Pat Cannon (electrician) to investigate. Alarm light, and bypass not operating. Pat went to plant got a new circuit board and replaced also box needed a new fuse (5amp 125volt) which Eric bought at hardware store, Pat installed pump and bypass operational. Windriver scheduled for 11/10 Will clean pump Can see following W/O	completed
11/11/2017	6011	Grinder Pump 69 GOSNOLD ST.	Pump in alarm	Eric Joe on site LOTO PERFORMED, replaced grinder pump. After installed ran pump & failed breaker was popping, called Pat Cannon, line housing guts needed to be replaced due to end being fried, job complete, pump now operational.	completed
11/11/2017	6021	MH 20877	Windriver in for jet and vactor lines on Atherton Berkley to Park ave	Eric Matt opened MH 20877 to MH 20878 jetted and cleaned heavy debris	completed
11/11/2017	6022	MH 20868	Windriver in for jet and vactor lines on Atherton Berkley to Park ave	Eric Matt opened MH 20868 Park ave jetted cross-country to MH 20877 Berkley rd heavy debris 12" line	completed
11/11/2017	6023	20 - WW - Collections - General	Windriver at landfill to removal of debris	Eric Matt at landfill for removal of debris	completed
11/13/2017	6025	PS 4 Building	Brought 2 new check valves to station	Eric Dave brought 2 new check valves to station from plant, used crane and dolly to put in station for near future work to be performed	completed
11/14/2017	6027	MH 20532	Manhole silencer flattened and hanging from ladder rungs.	Removed old silencer material and measured length for new. Installed new silencer and seated manhole.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
11/15/2017	6028	20 - WW - Collections - General	Jen Bullen 193 spring st back-up	915am Eric, Bill opened MH 20029 upstream observed debris(rags,brick) causing 4" line to be charged, removed brick and debris line flowing freely. This wasn't the affect of back-up, her lateral is downstream of MH Bill spoke to homeowner said there wasn't any issues in street, she had plumber on the way regardless.	completed
11/15/2017	6029	20 - WW - Collections - General	193 spring street Jen Bullen 781 773 1551 back-up issue	Eric Bill opened MH 20027 downstream line flowing freely, did remove a loose brick under rim, Bill spoke to homeowner she said a plumber was on way for her issue	completed
11/16/2017	6031	Dig Safe Requests	39 Coburn st gas repair	Marked Dig Safe	completed
11/20/2017	6038	22 - WW - sewers/pipes/force mains	6 Brewster st dye test clean out to sewer for John Struzziey	Eric Dave John at 6 Brewster poured dye in clean out opened MH 20539 on Samoset Ave observed dye. This was on conservation request, due to homeowner using clean out to drain pool.	completed
11/20/2017	6039	MH 20490	Noisy manhole cover installed rappo ring	Eric Dave installed rappo ring on MH 20490	completed
11/20/2017	5695	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	Highland Power while performing annual PM	completed
11/21/2017	5703	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly		completed
11/21/2017	5531	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly	bulk close out	completed
11/21/2017	5488	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5494	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5502	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5508	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5518	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5527	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5495	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5503	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5509	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5519	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5528	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5490	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5496	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5504	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5510	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5520	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5529	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5668	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5673	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5679	PS 4 Generator	PS #4 Generator Inspection and Load Test - Monthly	bulk close out	completed
11/21/2017	5680	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5685	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5692	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5698	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
11/21/2017	5669	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5674	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5681	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5686	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5693	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5699	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5670	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5675	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5682	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5687	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5694	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	5700	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly	bulk close out	completed
11/21/2017	6044	Dig Safe Requests	112 Atlantic ave Install gas service	Marked Dig Safe	completed
11/25/2017	6047	23 - WW Pump Stations	PSTAT General items see description.	Yard clean up at PS 1, leaves; put down new oil spent pads at PS 1,3,5,9; install dust plug at D Street port pump hook up & cap for bypass hookup at PS 3.	completed
11/26/2017	6049	MH 20881	Checked Berkeley road for 8" sewer	Looked for sewer from Berkely road to nantasket ave, opened MH 20881 did not find any sewers from Berkely going to nantasket.	completed
11/27/2017	6005	PS 4 GridBee Aerator	Unusual high pitched noise coming from well aerator.		completed
11/27/2017	5671	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
11/27/2017	5676	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
11/27/2017	5683	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
11/27/2017	5688	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
11/27/2017	5701	PS 6 Generator	PS #6 Generator Inspection and Test - Weekly		completed
11/27/2017	5672	PS 1 Generator	PS #1 Generator Inspection and Test - Weekly		completed
11/27/2017	5677	PS 3 Generator	PS #3 Generator Inspection and Test - Weekly		completed
11/27/2017	5684	PS 4 Generator	PS #4 Generator Inspection and Test - Weekly		completed
11/27/2017	5689	PS 5 Generator	PS #5 Generator Inspection and Test - Weekly		completed
11/27/2017	5696	PS 9 Generator	PS #9 Generator Inspection and Test - Weekly		completed
11/27/2017	6056	Grinder Pump 30 ALSADA ROAD	Pump in and out of alarm	Eric Jim at 30 Alsada checked grinder box bypass and pump both operational, pump came in alarm on Friday and maybe overwhelmed due to 3 properties on this 1 grinder during the thanksgiving holiday	completed
11/27/2017	6057	20 - WW - Collections - General	99 Bay Street service Install inspection	BB inspected back fill / stone for new service Install at 99 Bay Street . Work included excavation under PS#4 FM. John S. Out previously for service tie into gravity main.	completed
11/28/2017	6059	MH 20125	Identified Spinaker Island force main	Eric John S opened MH 20125 observed 4" PVC force main discharging in manhole	completed
11/28/2017	6058	Dig Safe Requests	599 nantasket ave emergency gas repair	Marked Dig Safe	completed
11/28/2017	6060	Dig Safe Requests	760 nantasket ave emergency gas repair	Marked Dig Safe	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
11/29/2017	6167	22 - WW - sewers/pipes/force mains	Dye test clean out at 145, 155 nantasket ave search Mhs for dye for John Struzziey for future development.	Eric Dave John put dye in clean out behind addresses 145,155 then opened several manholes on Berkley, Atherton, Park ave search for dye. No dye anywhere assumed clean outs have issue	completed
12/1/2017	6142	Fire Extinguishers	WWTF Fire Extinguisher Inspections - Monthly	Service Incident Created	completed
12/2/2017	6172	22 - WW - sewers/pipes/force mains	Water leak @ Est & Beach ave, locate laterals for digging (Hub Const)& Aquarian	Eric on site opened MH 20469 to see if 215 beach ave lateral connection was there, no lateral. Did locate 211 lateral from plans. Area of dig has no effect on collection system. Spoke with Tony (Hub Const) reviewed drawings with him.	completed
12/4/2017	6170	PS 3 Generator	Trouble light- charger malf.	tested battery charger output. checked out good at 14 volts. This indicates that battery charger is working properly and maintaining the battery at correct voltage. Started generator and tested alternator output which was 15 volts. This also seems normal when generator is running. These all seem within normal parameters.	completed
12/4/2017	6175	20 - WW - Collections - General	14B Park ave back up issue	Eric,Dave checked unmapped MH on park ave street flowing freely. Between W/C& Hub located line by Tie Card, Hub said they would install a clean out then snake line. Sarno previously on site failed to clear. Believe this is Paul Grattas property he will handle himself.	completed
12/5/2017	6177	Dig Safe Requests	36 Central ave hydrant replacment	Marked Dig Safe	completed
12/5/2017	6178	Dig Safe Requests	11 Bradford ave gas repair	Marked Dig Safe	completed
12/6/2017	6179	20 - WW - Collections - General	Windriver debris removal at dump pit	Eric Matt (Windriver) at dump removal of debris	completed
12/7/2017	6181	22 - WW - sewers/pipes/force mains	Windriver cleaned jettted siphon	Eric Matt (WR) cleaned siphon (4) channels in MH . Siphon Mhs were unmapped now on GIS	completed
12/8/2017	6185	Grinder Pump 43 ORLEANS ST.	Grinder in alarm	Eric Joe on site LOTO performed CAN had 50 gallons above pump which we pump out removed the non operating pump installed new pump. Now system operating	completed
12/8/2017	6186	Dig Safe Requests	15 fair st water leak	Marked Dig Safe	completed
12/8/2017	6187	Dig Safe Requests	47 beach ave water leak repair	Marked Dig Safe	completed
12/8/2017	6188	Dig Safe Requests	15 Packard ave water leak repair	Marked Dig Safe	completed
12/8/2017	6189	Dig Safe Requests	390 Newport rd water leak repair	Marked Dig Safe	completed
12/8/2017	6190	Dig Safe Requests	383 Newport rd water leak repair	Marked Dig Safe	completed
12/8/2017	6191	Dig Safe Requests	103 beach ave water leak repair	Marked Dig Safe	completed
12/8/2017	6192	Dig Safe Requests	10 T st water leak repair	Marked Dig Safe	completed
12/9/2017	6200	22 - WW - sewers/pipes/force mains	Made amended tie card for 14 Park ave	Eric produced a amended tie card to attach to existing tie card for lines camered. Both Mhs not on GIS along with lines found.	completed
12/11/2017	6198	PS 9 Generator	Change block heater	working fine	completed
12/12/2017	6170	PS 3 Generator	Trouble light- charger malf.	Highland power replaced the alternator.	completed

Status Date	WO #	Asset Name	Description	History Notes	History Status
12/14/2017	6206	Dig Safe Requests	Excavation of gas line, 845 nantasket ave emergency gas repair	Marked Dig Safe	completed
12/14/2017	6207	22 - WW - sewers/pipes/force mains	Inspection of new sewer line 2 Atlantic ave for John Struzziey	Eric inspected new sewer line before back fill	completed
12/15/2017	6210	23 - WW Pump Stations	Install check valve on sump discharge	Completed	completed
12/18/2017	6213	20 - WW - Collections - General	238 Nantasket Rd back up issue	11:07am Eric Dave opened MH check for flow street flowing freely	completed
12/18/2017	6216	Dig Safe Requests	10 cadish ave gas install	Marked Dig Safe	completed
12/18/2017	6217	Dig Safe Requests	19 V st water leak repair	Marked Dig Safe	completed
12/20/2017	6221	Grinder Pump 15 ALSADA ROAD	Grinder in and out of alarm	Arrived 10:20am departed 11:00am Eric Joe on site LOTO PERFORMED removed existing pump, removed grease chunks with 10` pool net, installed new pump now operational	completed
12/20/2017	6220	22 - WW - sewers/pipes/force mains	Calculation of longitude & latitude measurements of sso	Eric went back to SSO MH 20928a for longitude and latitude measurements for aram	completed
12/20/2017	6223	Dig Safe Requests	11th st & Nantasket Rd water break	Marked Dig Safe	completed
12/21/2017	6226	Dig Safe Requests	29 main st gas service install	Marked Dig Safe	completed
12/21/2017	6225	Dig Safe Requests	265 beach ave gas repair	Marked Dig Safe	completed
12/21/2017	6227	Dig Safe Requests	109 Edgewater rd water leak repair	Marked Dig Safe	completed
12/21/2017	6231	Dig Safe Requests	3 Harvey place emergency gas repair	Marked Dig Safe	completed
12/21/2017	6231	Dig Safe Requests	3 Harvey place emergency gas repair	Marked Dig Safe	completed
12/22/2017	6232	Grinder Pump 9 SHORE GARDENS RD.	Grinder in alarm	1200pm to 200 pm Eric, Joe, Haven, replaced grinder pump LOTO PERFORMED	completed
12/26/2017	6234	23 - WW Pump Stations	Stations 1thru 9 generator no loads, plow, shovel snow and ice melt	Eric Jacen performed station checks, ran no load, plowed and shovel snow, also put ice melt on stairs/ walkways	completed
12/27/2017	6236	Dig Safe Requests	9 C st water service repair	Marked Dig Safe	completed

APPENDIX C: COMPLETED CMOM AND I/I PROJECTS EXPENDITURES

Town - Hull Sewer Department - Expenditures realted to I/I and CMOM work				
Contractor	Invoice Date	Work Completed	Scope of Work	Invoice Amount
Ted Berry	6/5/2017	5/30-6/2/17	cleaning & Televising 18" & 24" Ductile Iron lagoon crossing interceptor sewers	\$ 11,900
Woodard & Curran	11/8/2017	10/5-10/27/17	Influent Gate - on main incoming sewer;	\$ 17,636
Woodard & Curran	10/4/2017	8/29-9/28/17	provides Control Building flood protection, flow	\$ 14,577
Woodard & Curran	8/30/2017	6/21/17-8/25/17	throttling and interceptor storage cababilities -	\$ 4,050
Woodard & Curran	1/19/2018	10/18-12/29/17	\$137,700	\$ 101,438
Diversified Pump	6/19/2017		Pump Station 3 - bypass station with temporary pump; replace suction and discharge valves, rebuild both pumps and install new forcemain bypass valves within the pump station, and new piping for flow meter - \$191,402	\$ 11,432
Woodard & Curran	4/18/2017	1/10-3/24/17		\$ 13,022
Woodard & Curran	6/28/2017	5/8-/6/23/17		\$ 35,139
Hart Engineering	10/17/2017			\$ 3,300
Hart Engineering	8/3/2017			\$ 85,000
Wind River	8/15/2017	8/1/2017		\$ 3,105
Waster Water Services	7/19/2017			\$ 8,125
Wind River	8/15/2017	8/1/2017		\$ 4,991
Woodard & Curran	10/3/2017	9/19-9/26/17		\$ 3,709
Woodard & Curran	8/30/2017	8/25/2017		\$ 9,723
Woodard & Curran	8/23/2017	7/6-8/9/17		\$ 13,496
JF McDermott	6/28/2017		New push camera and locator	\$ 11,394
Hub Construction	6/30/2017	6/26/2017	repair 83 Main Street and 110 Highland	\$ 7,355
Hub Construction	6/30/2017	6/21/2017	repair sewer lateral 14 Glover	\$ 5,824
Hub Construction	6/13/2017	6/9/2017	repair sewer lateral 18 Valley Beach	\$ 5,577
Hub Construction	1/10/2017	1/5/2017	repair sewer lateral 24 & 256 Western Ave	\$ 6,690
Hub Construction	3/28/2017	3/27/2017	repair sewer lateral 27 PT Allerton	\$ 4,458
Hub Construction	6/7/2017	6/3/2017	repair sewer lateral 58 Gallops	\$ 7,630
Hub Construction	1/10/2017	1/3/2017	repair sewer main 10 Western Ave	\$ 5,865
Hub Construction	4/4/2017	3/28/2017	repair sewer main 76 Atlantic Ave	\$ 3,115
Hub Construction	8/9/2017	8/8/2017	repair sewer main and lateral 55 Holbrook	\$ 2,222
Hub Construction	8/16/2017	8/2-/8/3/17	repair sewer Summit Ave	\$ 1,785
Hub Construction	8/16/2017	8/2/2017	repair sewer Willow and Main	\$ 1,030
Hub Construction	10/27/2017	10/23/2017	Repairs 83 Main St	\$ 5,593
Sub - Total - Town of Hull				\$ 409,179

Contract Operator - W&C	Calender Year 2017	Corrective and replacements	Grinder Pump Repairs and replacements	\$ 9,808
Contract Operator - W&C	Calender Year 2017	Preventative, corrective and replacements	Pump Station repairs and upgrades	\$ 90,296
Contract Operator - W&C	Calender Year 2017	Preventative, corrective and replacements	Sewer line maintenance	\$ 71,000
Contract Operator - W&C	Calender Year 2017	In-Pipe, ferric and Bioxide grease and odor control expenditures	sulfide, FOG and odor/corrosion control	\$ 71,000
Sub - Total - W&C				\$ 242,105

Total for Hull Collections - 2017	\$ 651,285
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APPENDIX D: UNAUTHORIZED DISCHARGE SUMMARY

Date	Type of Asset	Address	Cause of Discharge	If caused by blockage, what was blockage	If mechanical, when was the last inspection/failure date	Begin Time/Date	Stop Time/Date	Notification Source	Estimated release volume (gallons)	Method Used to Estimate Volume	Corrective action completed	Impact area Cleaned/disinfected?	Release to Town MS4?	Release to surface water
3/13/2017	Home	76 Atlantic Avenue	Blockage & Couping Failure	Roots	N/A	3/8/2017 14:00	3/8/2017 14:00	Email	Unknown	Visual	Vactor Truck Cleaning	Yes; lime applied	No	No
4/1/2017	WPCF	1111 Nantasket Avenue	Outfall Capacity		N/A	4/1/2017 13:00	4/1/2017 16:45	Email	15,000	Time x Pump Capacity	None	N/A	Yes	Yes
5/31/2017	WPCF	1111 Nantasket Avenue	Operational Error		7/26/2016	5/31/2017 14:30	5/31/2017 14:40	Email	700	Time x Pump Capacity	SOP updated (communication plan with subcontractors modified)	Yes; lime applied	Yes	No
12/15/2017	Home	262 Atlantic Avenue	Blockage	FOG	12/19/2016 at nearby 205 Atlantic Avenue	12/15/2017 11:30	12/15/2017 12:00	Email	<10	Visual	Vactor Truck Cleaning	Yes; vactor truck	No	No



woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS